



# 2024 CATALOGUE

**SEEDING KITS  
HARROWS  
PRESSWHEELS  
MAINTENANCE TIPS  
ASSEMBLY INSTRUCTIONS**

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**Issued: January 2024**

*Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.*

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2 Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

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Looking for a specific part number? Use this!



## NT19 ADJUSTA-POINT & MULTI-BOOT SEEDING KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes with 1/2" bolt holes (Examples listed on page 7)

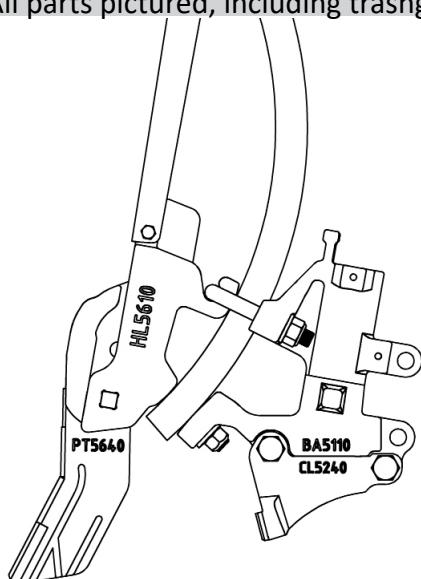
\*Modular system \*Four Adjusta-Point options (pictured on page 6) \*Single-Row or Paired-Row

\* Single or Dual Shoot \* Option for liquid in knife point slot and/or with seed \* Trashguard included

### NT19 MULTIBOOT SEEDING KIT - SINGLE ROW

Included: All parts pictured, including trashguard & fasteners.

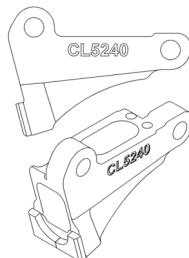
**\$270 - \$305 +GST**



**SEE PAGE 7  
FOR PART #'S  
AND PRICING**

#### CLOSING TOOL OPTION

##### CL5240



Single-Row  
45mm Closer

##### Dual Shoot Option

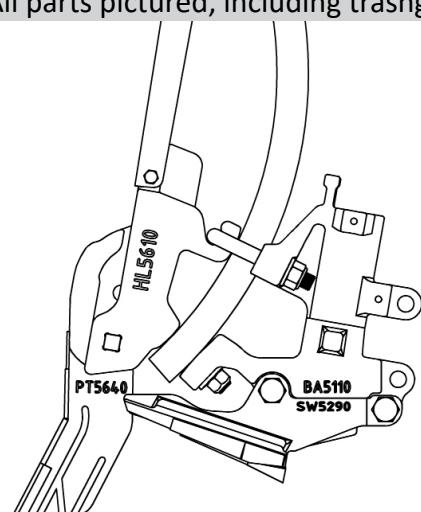
If you are looking for a single-row dual-shoot option, please contact Agmaster to discuss

### NT19 MULTIBOOT SEEDING KIT - PAIRED ROW

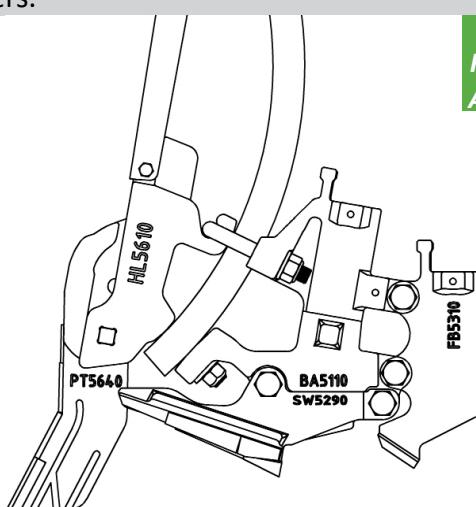
Included: All parts pictured, including trashguard & fasteners.

**\$370 - \$465 +GST**

**SEE PAGE 7  
FOR PART #'S  
AND PRICING**



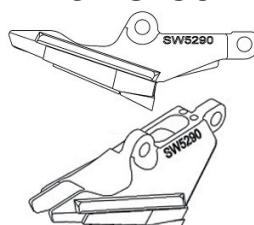
#### SINGLE SHOOT



#### DUAL SHOOT

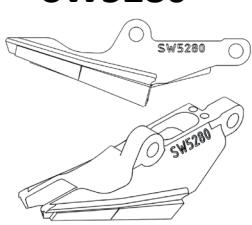
### PAIRED-ROW SEEKER WING OPTIONS

#### SW5290



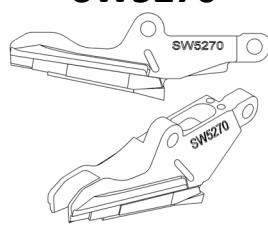
Paired-Row  
95mm Seeker Wing  
~75mm rows

#### SW5280



Paired-Row  
85mm Seeker Wing  
~65mm rows

#### SW5270



Paired-Row  
75mm Seeker Wing  
~55mm rows

**SEE PAGE 6 FOR POINT OPTIONS TO SUIT THESE SEEDING KITS**

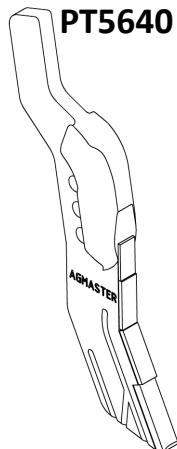
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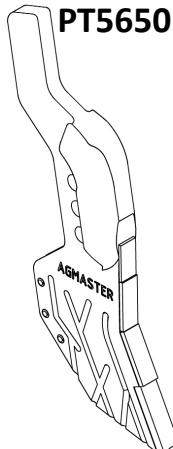
## **ADJUSTA-POINT OPTIONS FOR NT19 MULTI BOOT KITS**

- \* Four 14mm Adjusta-Point options      \* Three height settings      \* Lo-Thro or Straight profiles  
\*Two different lengths      \*Liquid or Standard available in both lengths/profiles

The kits pictured on page 5 have the PT5640 point.



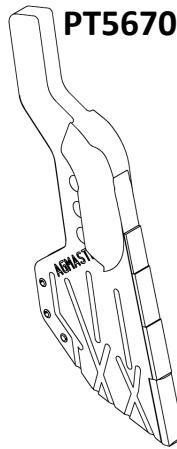
*Adjusta-Point  
14mm Lo-Thro  
Standard*



*Adjusta-Point  
14mm Lo-Thro  
Liquid*



*Adjusta-Point  
14mm Straight  
Standard*



*Adjusta-Point  
14mm Straight  
Liquid*

## **MULTI-BOOT ASSEMBLIES (NO POINT)**

**SUITS: Double-bolt C-Shank and Edge-On tynes with 1/2" bolt holes (Examples listed on page 7)**

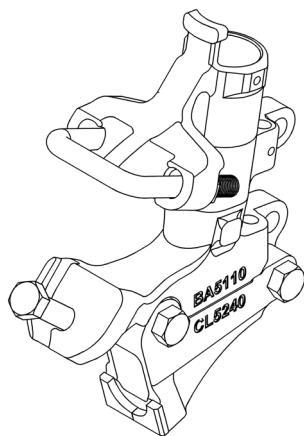
- \* Behind-tyne assembly      \* Compatible with NT19 and NT11 Point & Holder Systems  
\* Modular system      \* Single or Dual Shoot      \* Single-Row or Paired-Row  
\* Provision for liquid in knife point slot and/or with seed

### **MULTIBOOT ONLY ASSEMBLIES**

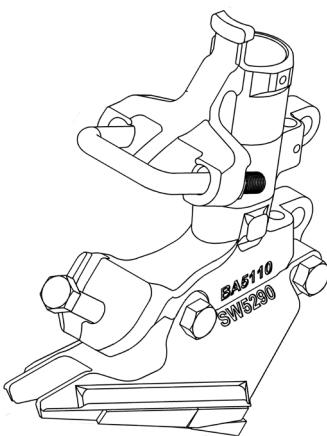
Included: All parts pictured, including fasteners.

**\$125 - \$285 +GST**

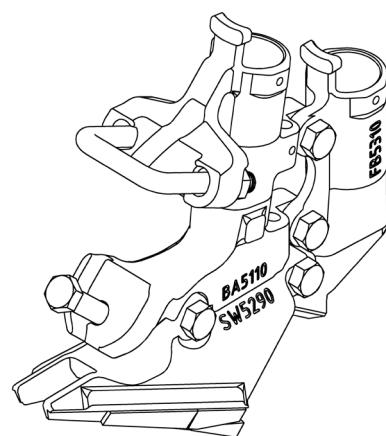
**SEE PAGE 7  
FOR PART #'S  
AND PRICING**



*Single Row  
Single Shoot*



*Paired-Row  
Single Shoot*



*Paired-Row  
Dual Shoot*

**SEE PAGE 8 FOR NT19 MULTIBOOT SPARE PARTS**

NT19 ADJUSTA-POINT & MULTIBOOT PRICES & PART NUMBERS MATRIX

## **INSTRUCTIONS:**

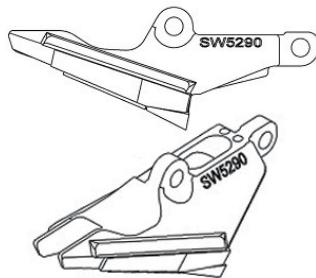
1. Identify "Tyne Class" relevant to your machine/tyre
  2. Select point from left column
  3. Select boot/closer from top row
  4. Find part number & price relevant to your tyne class where you  
& boot choice intersect

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

## NT19 MULTI-BOOT REPLACEMENT PARTS

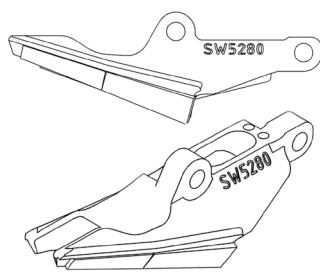
### Replacement Closing Tools

**SW5290**



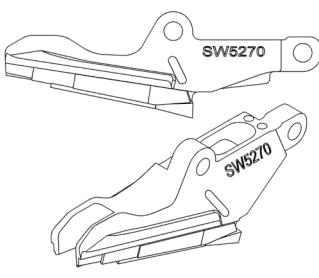
Paired-Row  
95mm Seeker Wing  
~75mm rows

**SW5280**



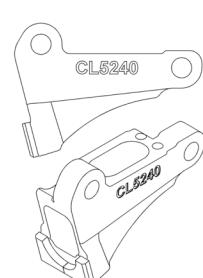
Paired-Row  
85mm Seeker Wing  
~65mm rows

**SW5270**



Paired-Row  
75mm Seeker Wing  
~55mm rows

**CL5240**

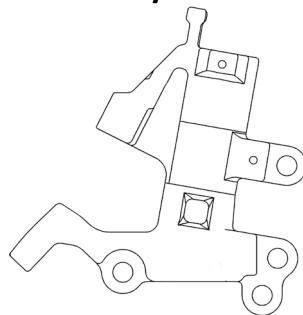


Single-Row  
45mm Closer  
**Exc**      **Inc**

<b>SW5290</b>	* <b>95mm Seeker Wing for Multi Boot;</b> paired rows 75mm apart	<b>\$160.00</b>	<b>\$176.00</b>
<b>SW5280</b>	* <b>85mm Seeker Wing for Multi Boot;</b> paired rows 65mm apart	<b>\$150.00</b>	<b>\$165.00</b>
<b>SW5270</b>	* <b>75mm Seeker Wing for Multi Boot;</b> paired rows 55mm apart	<b>\$150.00</b>	<b>\$165.00</b>
<b>CL5240</b>	* <b>45mm Closer for Multi Boot;</b> single row	<b>\$ 50.00</b>	<b>\$ 55.00</b>

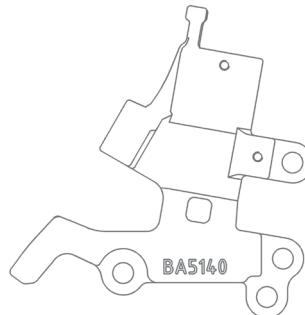
### Boot Adaptors & Other Parts

**BA5110/BA5120**



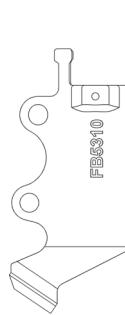
Boot Adaptor  
Flat 50mm Tynes

**BA5140**



Boot Adaptor  
Edge-On 30mm Tynes

**FB5310**



Dual Shoot  
Dry Fertiliser Boot

**LF5420**  
**LF5540**



Liquid Fertiliser  
Tube 2018-2022

**LF5530**



Liquid Fertiliser  
Tube 2023

**LF5520**



**Exc**      **Inc**

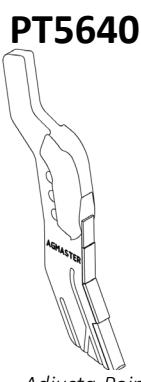
<b>BA5110</b>	** <b>Boot Adaptor C-Shank;</b> mount for above closing tool options and fertiliser boot on standard curved 50mm c-shank tynes	<b>\$ 70.00</b>	<b>\$ 77.00</b>
<b>BA5120</b>	** <b>Boot Adaptor C-Shank 2023;</b> mount for above closing tool options and fertiliser boot on standard curved 50mm c-shank tynes with improved behind-point liquid delivery	<b>\$ 70.00</b>	<b>\$ 77.00</b>
<b>BA5140</b>	** <b>Boot Adaptor Edge-On;</b> mount for above closing tool options and fertiliser boot on 30mm edge-on tynes.	<b>\$ 70.00</b>	<b>\$ 77.00</b>
<b>FB5310</b>	* <b>Optional Dry Fertiliser Boot;</b> drops fertiliser in between paired row for dual-shoot when used with Paired-Row Wings	<b>\$ 50.00</b>	<b>\$ 55.00</b>
<b>LF5420</b>	<b>Liquid Fertiliser Tube;</b> stainless steel tube for directing liquid fertiliser to back of point. <u>Suits BA5110 boot adaptor.</u>	<b>\$ 10.00</b>	<b>\$ 11.00</b>
<b>LF5530</b>	<b>Liquid Fertiliser Tube 2023;</b> straight stainless steel tube for directing liquid fertiliser to back of point. <u>Suits BA5120 boot adaptor.</u>	<b>\$ 7.00</b>	<b>\$ 7.70</b>
<b>LF5540</b>	<b>Liquid Fertiliser Tube;</b> stainless steel tube for directing liquid fertiliser to back of point. <u>Suits BA5140 boot adaptor.</u>	<b>\$ 7.00</b>	<b>\$ 7.70</b>
<b>LF5520</b>	*** <b>Liquid Fertiliser Tube;</b> stainless steel tube for applying liquid with seed 1 required per seed row	<b>\$ 5.00ea</b>	<b>\$ 5.50ea</b>

*	Requires 2 x BNW122	1/2" X 2" Bolt, Nut & Washer	<b>\$ 3.00ea</b>	<b>\$ 3.30ea</b>
**	Requires 1 x UBN5611 or UBN2001	M12 U-bolt w/ Nuts & Washers	<b>\$ 5.00ea</b>	<b>\$ 5.50ea</b>

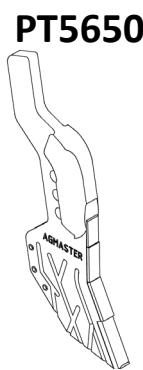
*U-Bolt required depends on point and holder being used. UBN5611 for NT19 Adjusta-Point or UBN2001 for NT11. Also requires 1x bolt to go through tyne; size varies between machines. Call Agmaster if assistance is required.*

***	Requires 1x BO6M10S	M6 X 10 Bolt (1 Required per tube)	<b>\$ 0.50ea</b>	<b>\$ 0.55ea</b>
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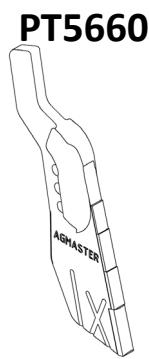
## Points (Cast Mild Steel)



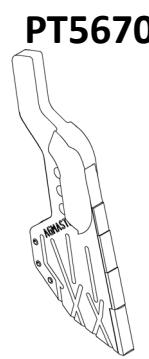
Adjusta-Point  
14mm Lo-Thro  
Standard



Adjusta-Point  
14mm Lo-Thro  
Liquid



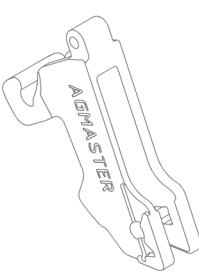
Adjusta-Point  
14mm Straight  
Standard



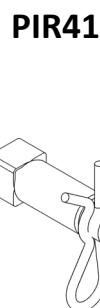
Adjusta-Point  
14mm Straight  
Liquid

		Exc	Inc
<b>PT5640</b>	14mm Adjusta-Point Lo-Thro Standard	\$ 90.00	\$ 99.00
<b>PT5650</b>	14mm Adjusta-Point Lo-Thro Liquid	\$120.00	\$132.00
<b>PT5660</b>	14mm Adjusta-Point Straight Standard	\$ 90.00	\$ 99.00
<b>PT5670</b>	14mm Adjusta-Point Straight Liquid	\$120.00	\$132.00

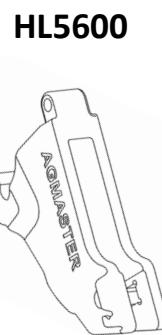
## Holders & Fasteners



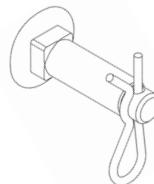
Adjusta-Point  
Holder 2021  
Uses pin PIR41/PIS41



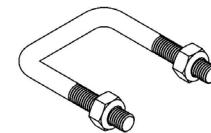
12mm Square Head  
Pin & R Clip for  
Adjusta-Point  
For holder HL5610



Adjusta-Point  
Holder 2018-2020  
Uses Pin PIR45/PIS45



12mm Cuphead Pin  
& R Clip for  
Adjusta-Point  
For holder HL5600



U-Bolt to secure  
point holder  
& boot adapter

		Exc	Inc
<b>HL5610</b>	Adjusta-Point Holder 2021- current	\$25.00	\$27.50
<b>PIR41</b>	Pin 12mm x 41mm Square & R Clip for HL5610	\$ 2.20	\$ 2.42
<b>PIS41</b>	Pin 12mm x 41mm Square & Split Pin for HL5610	\$ 2.00	\$ 2.20
<b>HL5600</b>	Adjusta-Point Holder 2018-2020	\$25.00	\$27.50
<b>PIR45</b>	Pin 12mm x 45mm Cup Head & R Clip for HL5600	\$ 2.20	\$ 2.42
<b>PIS45</b>	Pin 12mm x 45mm Cup Head & Split Pin for HL5600	\$ 2.00	\$ 2.20
<b>PI12A41</b>	Pin 12mm x 41mm Square for HL5610	\$ 1.90	\$ 2.09
<b>PI12A45</b>	Pin 12mm x 45mm Cup Head for HL5600	\$ 1.90	\$ 2.09
<b>PI432R</b>	R-Clip 2.5 x 43mm	\$ 0.40	\$ 0.44
<b>PI325S</b>	Split Pin 3 x 25mm	\$ 0.20	\$ 0.22
<b>UBN5611</b>	M12 U-Bolt 80x52 w/ Nuts & Washers - for Adjusta-Point to Multi-Boot	\$ 5.00	\$ 5.50
<b>UBN5612*</b>	M12 U-Bolt 90x52 w/ Nuts & Washers - for Adjusta-Point to NT11 Seeker	\$ 5.00	\$ 5.50
<b>UBN5613</b>	M12 U-Bolt Bent 80x52 w/ Nuts & Washers - for Adjusta-Point to NT11 Rigid Boot	\$ 5.00	\$ 5.50

\* Requires 1x UB5620 - Backing Plate for NT11 Seeker Boot

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## NT19 ADJUSTA-POINT & RIGID BOOT SEEDING KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes with 1/2" bolt holes (Examples listed on page 11)

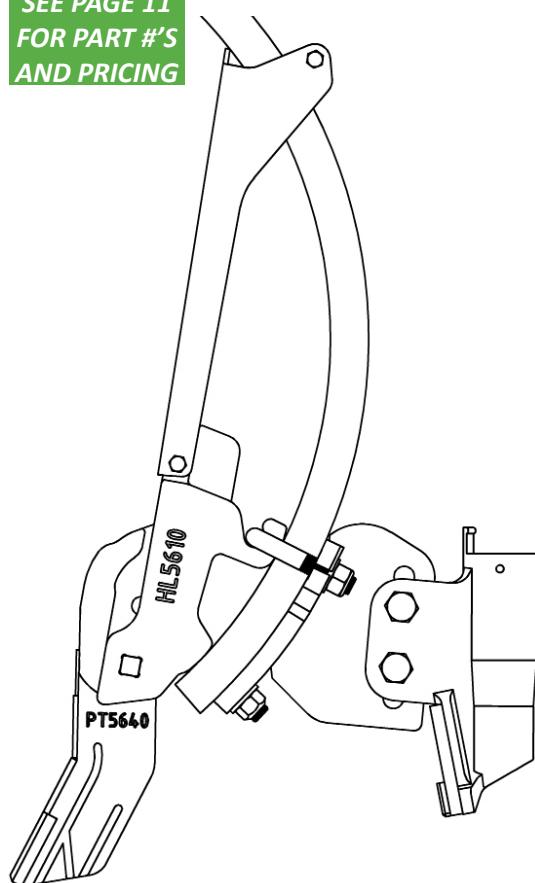
- \* Progression of our popular NT11 Point & Rigid Boot Kits
- \* Four Adjusta-Point options
- \* Option for liquid in knife point slot and/or with seed (select boots only)
- \* Multiple height-adjustable seeding boots
- \* Single or Dual Shoot
- \* Easy access pin and bolts
- \* Trashguard included

### NT19 RIGID BOOT

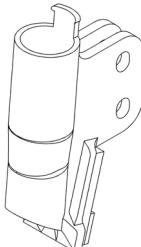
Included: All parts pictured, including trashguard & fasteners.

**\$265 - \$405 +GST**

**SEE PAGE 11  
FOR PART #'S  
AND PRICING**



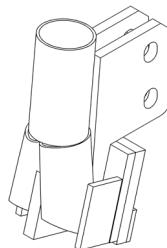
### BOOT OPTIONS BT2540/BT2550



Standard Single Shoot Boot  
40mm or 50mm Closer

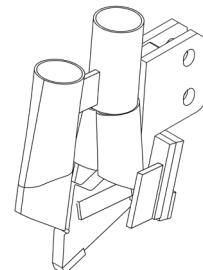
**Wetter with Seed Option**  
Provision for liquid/wetter with the seed now comes standard on Single-Shoot Boots BT2540 & BT2550

### BT2370



"Y" Tube Single Shoot Boot  
65mm Closer

### BT2390



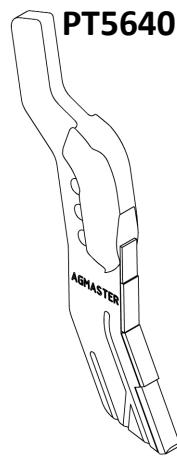
Dual Shoot Boot  
65mm Closer

Pipe size at top of all boots is 38.4mm inside diameter. Cast boots (BT2540/BT2550) taper down to 32mm to suit narrower hose sizes.

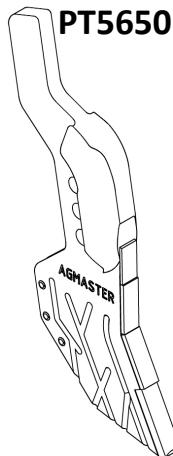
### ADJUSTA-POINT OPTIONS FOR NT19 RIGID BOOT KITS

- \* Four 14mm Adjusta-Point options
- \* Two different lengths
- \* Three height settings
- \* Liquid or Standard available in both lengths/profiles
- \* Lo-Thro or Straight profiles

The kit pictured above has the PT5640 point.



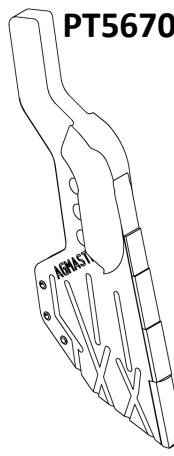
Adjusta-Point  
14mm Lo-Thro  
Standard



Adjusta-Point  
14mm Lo-Thro  
Liquid



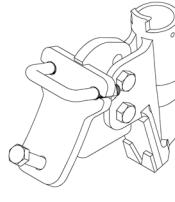
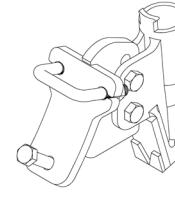
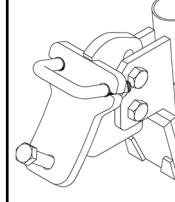
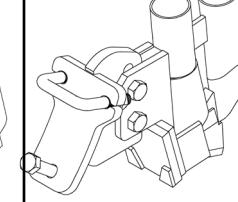
Adjusta-Point  
14mm Straight  
Standard



Adjusta-Point  
14mm Straight  
Liquid

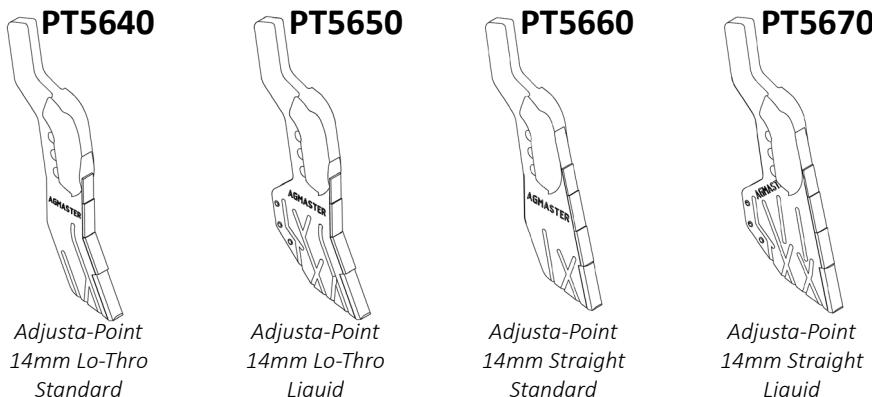
**PLEASE NOTE:** Liquid point kits do not include parts for directing liquid to back of point. See page 14 for liquid kits.

## NT19 ADJUSTA POINT & RIGID BOOT SEEDING KITS MATRIX

INSTRUCTIONS: 1. Identify "Tyne Class" relevant to your machine/tyne 2. Select Point from left column				3. Select boot/closer from top row 4. Find part number & price relevant to your tyne class where your point & boot choice intersect							
C-SHANK TYNE CLASS 1:	Standard C-Shank tynes with 1/2" bolt holes & 1 3/4" spacings Examples: Morris 400lb, Flexicoil 350lb (holes reamed to 1/2"), Bourgault, Ezee-On, Horwood Bagshaw C-Shank										
C-SHANK TYNE CLASS 2:	Standard C-Shank tynes with 1/2" bolt holes & 2 1/4" spacings Examples: Morris 650lb/Hydraulic, John Deere 1810-1830, Flexicoil 550lb/650lb/Hydraulic										
EDGE-ON TYNE CLASS 3:	Edge-On tynes (wide foot with narrow shank) with 1/2" bolt holes Examples: Horwood Bagshaw ScariBar, Gason Scari/Hydra Till & Shearer Universal										
FOR TYNES NOT LISTED UNDER ANY OF THE THREE CLASSIFICATIONS, PLEASE CONTACT AGMASTER											
<b>BOOTS</b> Rigid Boot Options  <b>POINTS</b> NT19 14mm Adjusta-Point 	BT2540 40mm Closer	BT2550 50mm Closer	BT2370 'Y' 65mm Closer	BT2390 65mm Closer Dual Shoot	<b>POINT &amp; HOLDER KIT</b> NO BOOT NT19 Point & Holder Kits include pins but no bolts						
											
C-SHANK #1		PHB64618154		PHB64618155		PHB64618137		PHB64618139		PTH6461	
C-SHANK #2	PT5640 Lo-Thro Standard	PHB64618354	\$265 +GST	PHB64618355	\$265 +GST	PHB64618337	\$330 +GST	PHB64618339	\$375 +GST	PTH6461	\$115 +GST
EDGE-ON #3		PHB64618454		PHB64618455		PHB64618437		PHB64618439		PTH6461	
C-SHANK #1		PHB65618154		PHB65618155		PHB65618137		PHB65618139		PTH6561	
C-SHANK #2	PT5650 Lo-Thro Liquid	PHB65618354	\$295 +GST	PHB65618355	\$295 +GST	PHB65618337	\$360 +GST	PHB65618339	\$405 +GST	PTH6561	\$145 +GST
EDGE-ON #3		PHB65618454		PHB65618455		PHB65618437		PHB65618439		PTH6561	
C-SHANK #1		PHB66618154		PHB66618155		PHB66618137		PHB66618139		PTH6661	
C-SHANK #2	PT5660 Straight Standard	PHB66618354	\$265 +GST	PHB66618355	\$265 +GST	PHB66618337	\$330 +GST	PHB66618339	\$375 +GST	PTH6661	\$115 +GST
EDGE-ON #3		PHB66618454		PHB66618455		PHB66618437		PHB66618439		PTH6661	
C-SHANK #1		PHB67618154		PHB67618155		PHB67618137		PHB67618139		PTH6761	
C-SHANK #2	PT5670 Straight Liquid	PHB67618354	\$295 +GST	PHB67618355	\$295 +GST	PHB67618337	\$360 +GST	PHB67618339	\$405 +GST	PTH6761	\$145 +GST
EDGE-ON #3		PHB67618454		PHB67618455		PHB67618437		PHB67618439		PTH6761	
C-SHANK #1	<b>NO POINT</b> NT19 Boot & Bracket kits will only fit with NT19 Adjusta-Points	BRB8154		BRB8155		BRB8137		BRB8139			
C-SHANK #2		BRB8354	\$120 +GST	BRB8355	\$120 +GST	BRB8337	\$185 +GST	BRB8339	\$230 +GST		
EDGE-ON #3		BRB8454		BRB8455		BRB8437		BRB8439			

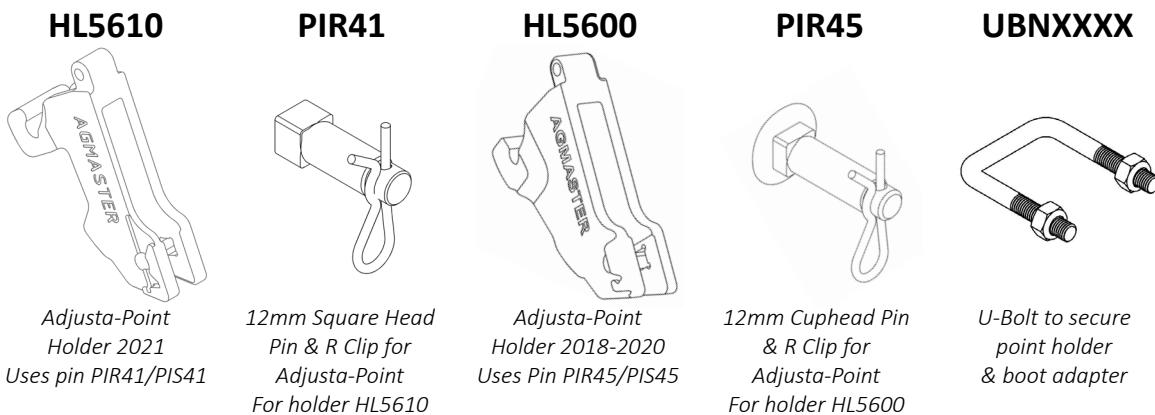
## NT19 RIGID BOOT REPLACEMENT PARTS

### Points – Cast Mild Steel



<b>PT5640</b>	14mm Adjusta-Point Lo-Thro Standard	<b>Exc</b>	<b>Inc</b>
<b>PT5650</b>	14mm Adjusta-Point Lo-Thro Liquid	<b>\$ 90.00</b>	<b>\$ 99.00</b>
<b>PT5660</b>	14mm Adjusta-Point Straight Standard	<b>\$120.00</b>	<b>\$132.00</b>
<b>PT5670</b>	14mm Adjusta-Point Straight Liquid	<b>\$ 90.00</b>	<b>\$ 99.00</b>

### Holders & Fasteners



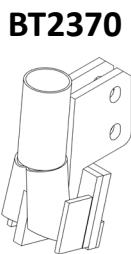
		<b>Exc</b>	<b>Inc</b>
<b>HL5610</b>	Adjusta-Point Holder 2021- current	<b>\$25.00</b>	<b>\$27.50</b>
<b>PIR41</b>	Pin 12mm x 41mm Square & R Clip for HL5610	<b>\$ 2.20</b>	<b>\$ 2.42</b>
<b>PIS41</b>	Pin 12mm x 41mm Square & Split Pin for HL5610	<b>\$ 2.00</b>	<b>\$ 2.20</b>
<b>HL5600</b>	Adjusta-Point Holder 2018-2020	<b>\$25.00</b>	<b>\$27.50</b>
<b>PIR45</b>	Pin 12mm x 45mm Cup Head & R Clip for HL5600	<b>\$ 2.20</b>	<b>\$ 2.42</b>
<b>PIS45</b>	Pin 12mm x 45mm Cup Head & Split Pin for HL5600	<b>\$ 2.00</b>	<b>\$ 2.20</b>
<b>PI12A41</b>	Pin 12mm x 41mm Square for HL5610	<b>\$ 1.90</b>	<b>\$ 2.09</b>
<b>PI12A45</b>	Pin 12mm x 45mm Cup Head for HL5600	<b>\$ 1.90</b>	<b>\$ 2.09</b>
<b>PI432R</b>	R-Clip 2.5 x 43mm	<b>\$ 0.40</b>	<b>\$ 0.44</b>
<b>PI325S</b>	Split Pin 3 x 25mm	<b>\$ 0.20</b>	<b>\$ 0.22</b>
<b>UBN2001</b>	M12 U-Bolt 65x52 w/ Nuts & Washers - for Adjusta-Point to Rigid Boot <i>For Class #1 tynes listed in Matrix Pg11</i>	<b>\$ 5.00</b>	<b>\$ 5.50</b>
<b>UBN5611</b>	M12 U-Bolt 80x52 w/ Nuts & Washers - for Adjusta-Point to Rigid Boot <i>For Class #2 or #3 tynes listed in Matrix Pg11</i>	<b>\$ 5.00</b>	<b>\$ 5.50</b>
<b>UBN5612*</b>	M12 U-Bolt 90x52 w/ Nuts & Washers - for Adjusta-Point to NT11 Seeker	<b>\$ 5.00</b>	<b>\$ 5.50</b>
<b>UBN5613</b>	M12 U-Bolt <u>Bent</u> 80x52 w/ Nuts & Washers - for Adjusta-Point to NT11 Rigid Boot	<b>\$ 5.00</b>	<b>\$ 5.50</b>

\* Requires 1x UB5620 - Backing Plate for NT11 Seeker Boot

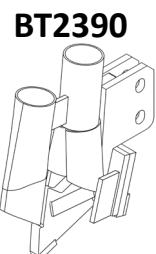
## Boots & Brackets



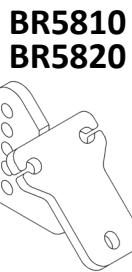
**BT2540**  
**BT2550**  
Standard Single  
Shoot Boot  
40 or 50mm Closer



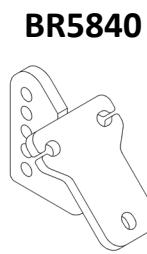
**BT2370**  
"Y" Tube  
Single Shoot Boot  
65mm Closer



**BT2390**  
Dual Shoot Boot  
65mm Closer



**BR5810**  
**BR5820**  
NT19 C-Shank  
Bracket for  
Rigid Boots



**BR5840**  
NT19 Edge-On  
Bracket for  
Rigid Boots



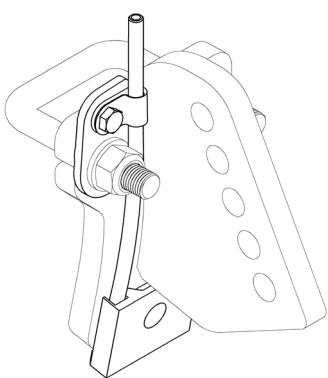
**UBNXXXX**  
U-bolt for point  
holder & bracket

**Wetter with Seed Option:** Provision for liquid/wetter with the seed now comes standard on Single-Shoot Boots BT2540 & BT2550.

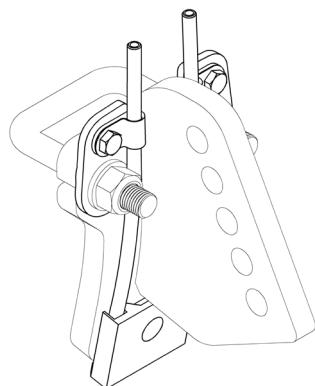
**SEE PAGE 41 FOR REPLACEMENT  
WELD-ON CLOSER PLATES**

		Exc	Inc
<b>BR5810</b>	NT19 C-Shank Rigid Boot Bracket 2019 - 2023 Model	\$ 55.00	\$ 60.50
<b>BR5820</b>	NT19 C-Shank Rigid Boot Bracket 2024 - Current Model w improved boot plate angle	\$ 55.00	\$ 60.50
<b>BR5840</b>	NT19 Edge-On Rigid Boot Bracket	\$ 55.00	\$ 60.50
<b>BT2540</b>	40mm Closer Single Shoot recommended for use with 12mm Point	\$ 60.00	\$ 66.00
<b>BT2550</b>	50mm Closer Single Shoot recommended for use with 16mm Point	\$ 60.00	\$ 66.00
<b>BT2370</b>	65mm Closer with 'Y' Tube Single Shoot	\$125.00	\$137.50
<b>BT2380</b>	65mm Closer with Side-by-Side Tubes	\$125.00	\$137.50
<b>BT2390</b>	65mm Closer Dual Shoot with 'Y' seed spreader at front and fertiliser tube behind	\$170.00	\$187.00
<b>BT2399</b>	Split Fert Knife Weld-on	\$ 23.00	\$ 25.30
<b>BT2398</b>	Split Boot Side Pipe Protectors hardfaced (price per set of 2)	\$ 10.00	\$ 11.00
<b>UBN2001</b>	M12 U-Bolt 65x52 w/ Nuts & Washers - for Adjusta-Point to Rigid Boot For Class #1 tynes listed in Matrix Pg11	\$ 5.00	\$ 5.50
<b>UBN5611</b>	M12 U-Bolt 80x52 w/ Nuts & Washers - for Adjusta-Point to Rigid Boot For Class #2 or #3 tynes listed in Matrix Pg11	\$ 5.00	\$ 5.50
<b>BNW122</b>	½" x 2" Bolt, Nut & Washer for securing boot to bracket (2 required per boot)	\$ 3.00	\$ 3.30

## NT19 RIGID BOOT LIQUID KITS



*Liquid Kit Single*



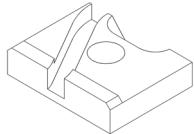
*Liquid Kit Double*

	Exc	Inc
Liquid Kit - Single	\$ 35.00	\$ 38.50
Liquid Kit - Double	\$ 52.00	\$ 57.20

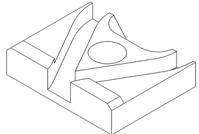
- LFK51** NT19/NT11 Liquid Fertiliser Kit - Single to take flexible 3mm tube with 6mm casing
- LFK52** NT19/NT11 Liquid Fertiliser Kit - Double to take flexible 3mm tube with 6mm casing
- LFK53** NT19/NT11 Liquid Fertiliser Kit - Single to take 4-6mm flexible tube with 10mm casing
- LFK54** NT19/NT11 Liquid Fertiliser Kit - Double to take 4-6mm flexible tube with 10mm casing

**PLEASE NOTE:** Our liquid kits have been designed for use with NT19/NT11 Rigid Boots but some users have modified them to suit Flexi-Boots in the past.  
Contact Agmaster for more information if required.

### NT19/NT11 Liquid Kit Parts



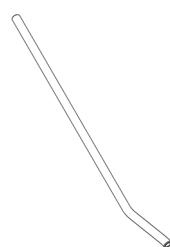
**LF2510  
LF2530**



**LF2520  
LF2540**



**LF2550**



**LF2570  
LF2580**



**PC6S  
PC10S**

		Exc	Inc
<b>LF2510</b>	Liquid Fertiliser Clamp Plate - Single - Suit 3mm tube/6mm casing	\$ 20.00	\$ 22.00
<b>LF2520</b>	Liquid Fertiliser Clamp Plate - Double - Suit 3mm tube/6mm casing	\$ 22.00	\$ 24.20
<b>LF2530</b>	Liquid Fertiliser Clamp Plate - Single - Suit 4-6mm tube/10mm casing	\$ 20.00	\$ 22.00
<b>LF2540</b>	Liquid Fertiliser Clamp Plate - Double - Suit 4-6mm tube/10mm casing	\$ 22.00	\$ 24.20
<b>LF2550</b>	Liquid Fertiliser 'P' Clamp Lug	\$ 6.00	\$ 6.60
<b>LF2570</b>	Liquid Fertiliser casing 6mm Shaped - to suit 3mm tube	\$ 7.00	\$ 7.70
<b>LF2580</b>	Liquid Fertiliser casing 10mm Shaped - to suit 4-6mm tube	\$ 7.00	\$ 7.70
<b>PC6S.</b>	P Clamp 6mm Stainless Steel	\$ 2.00	\$ 2.20
<b>PC10S</b>	P Clamp 10mm Stainless Steel	\$ 2.00	\$ 2.20
<b>BON6M16S</b>	Bolt 6mm x 16mm Stainless Steel and Nylock Nut	\$ 0.70	\$ 0.77

## NT19 ADJUSTA-POINT & FLEXIBOOT SEEDING KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes with 1/2" bolt holes (Examples listed on page 16)

\* Progression of our NT11 Point & Flexiboot Kits \*Four Adjusta-Point options

\* Height-adjustable flexible boot made with hydraulic hose and inner spring \* Single or Dual Shoot

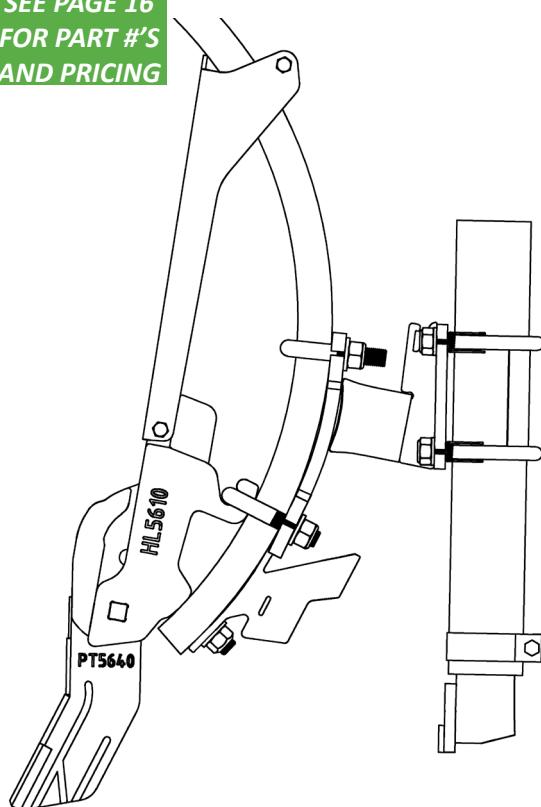
\* Easy access pin and bolts \* Option for liquid in knife point slot (using modified liquid kit) \* Trashguard included

### NT19 FLEXIBOOT

Included: All parts pictured, including trashguard & fasteners.

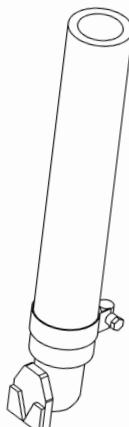
**\$345 - \$375 +GST**

**SEE PAGE 16  
FOR PART #'S  
AND PRICING**



#### BOOT OPTIONS

**FB2840**



Flexiboot with 40mm Closer  
**Recommended width**

**FB2850**



Flexiboot with 50mm Closer

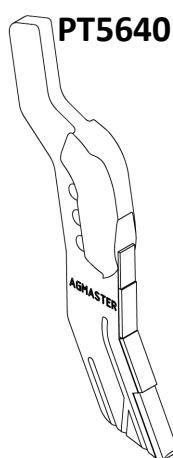
Pipe size of boots is 38 mm inside diameter.

#### ADJUSTA-POINT OPTIONS FOR NT19 FLEXIBOOT KITS

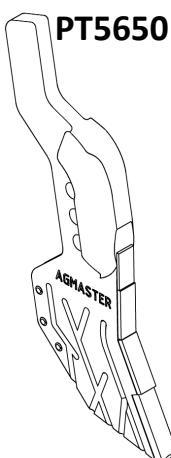
\* Four 14mm Adjusta-Point options \* Three height settings \* Lo-Thro or Straight profiles

\*Two different lengths \*Liquid or Standard available in both lengths/profiles

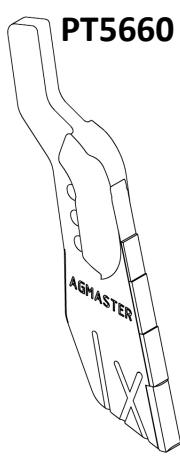
The kit pictured above has the PT5640 point.



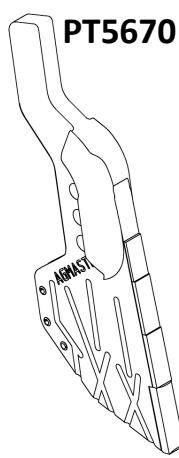
Adjusta-Point  
14mm Lo-Thro  
Standard



Adjusta-Point  
14mm Lo-Thro  
Liquid



Adjusta-Point  
14mm Straight  
Standard



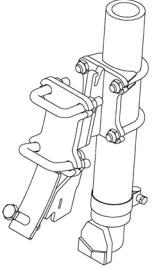
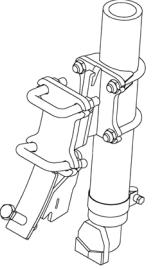
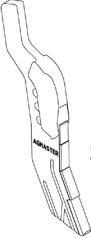
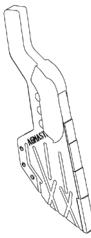
Adjusta-Point  
14mm Straight  
Liquid

**PLEASE NOTE:** Liquid point kits do not include parts for directing liquid to back of point. Our liquid kits have been designed for use with NT19/NT11 Rigid Boots but some users have modified them to suit Flexiboots in the past.  
*See page 14 for liquid kits and contact Agmaster for more information if required.*

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

[www.agmaster.com.au](http://www.agmaster.com.au)

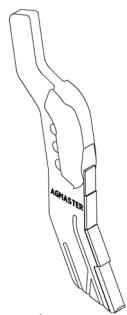
## NT19 ADJUSTA POINT & FLEXIBOOT SEEDING KITS MATRIX

INSTRUCTIONS:			3. Select boot/closer from top row 4. Find part number & price relevant to your tyne class where your point & boot choice intersect					
C-SHANK TYNE CLASS 1:		Standard C-Shank tyne with 1/2" bolt holes & 1 3/4" spacings Examples: Morris 400lb, Flexicoil 350lb (holes reamed to 1/2"), Bourgault, Ezee-On, Horwood Bagshaw C-Shank						
C-SHANK TYNE CLASS 2:		Standard C-Shank tyne with 1/2" bolt holes & 2 1/4" spacings Examples: Morris 650lb/Hydraulic, John Deere 1810-1830, Flexicoil 550lb/650lb/Hydraulic						
EDGE-ON TYNE CLASS 3:		Edge-On tyne (wide foot with narrow shank) with 1/2" bolt holes Examples: Horwood Bagshaw ScariBar, Gason Scari/Hydra Till, Shearer Universal, Simplicity						
FOR TYNES NOT LISTED UNDER ANY OF THE THREE CLASSIFICATIONS, PLEASE CONTACT AGMASTER								
<b>BOOTS</b> Flexiboot Options  <b>POINTS</b> NT19 14mm Adjusta-Point 		<b>FLEXIBOOT &amp; BRACKET</b>		<b>POINT &amp; HOLDER</b>				
		FB2840 40mm Closer (Recommended)		FB2850 50mm Closer				
								
C-SHANK TYNE #1	 <b>PT5640</b> Lo-Thro Standard	PHB64619184		PHB64619185				
C-SHANK TYNE #2		PHB64619384	\$345 +GST	PHB64619385	\$345 +GST			
EDGE-ON TYNE #3		PHB64619484		PHB64619485				
C-SHANK TYNE #1	 <b>PT5650</b> Lo-Thro Liquid	PHB65619184		PHB65619185				
C-SHANK TYNE #2		PHB65619384	\$375 +GST	PHB65619385	\$375 +GST			
EDGE-ON TYNE #3		PHB65619484		PHB65619485				
C-SHANK TYNE #1	 <b>PT5660</b> Straight Standard	PHB66619184		PHB66619185				
C-SHANK TYNE #2		PHB66619384	\$345 +GST	PHB66619385	\$345 +GST			
EDGE-ON TYNE #3		PHB66619484		PHB66619485				
C-SHANK TYNE #1	 <b>PT5670</b> Straight Liquid	PHB67619184		PHB67619185				
C-SHANK TYNE #2		PHB67619384	\$375 +GST	PHB67619385	\$375 +GST			
EDGE-ON TYNE #3		PHB67619484		PHB67619485				
C-SHANK TYNE #1	<b>NO POINT</b>		BRB9184	BRB9185				
C-SHANK TYNE #2	NT19 Boot & Bracket kits will only fit with NT19 Adjusta-Points		BRB9384	BRB9385				
EDGE-ON TYNE #3			BRB9484	BRB9485				

## NT19 FLEXI BOOT REPLACEMENT PARTS

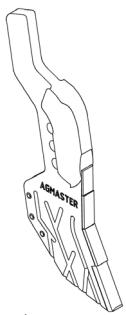
### Points (Cast Mild Steel)

**PT5640**



*Adjusta-Point  
14mm Lo-Thro  
Standard*

**PT5650**



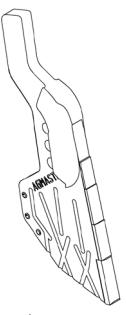
*Adjusta-Point  
14mm Lo-Thro  
Liquid*

**PT5660**



*Adjusta-Point  
14mm Straight  
Standard*

**PT5670**

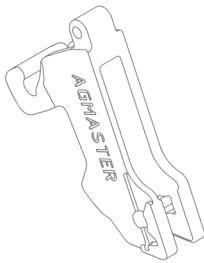


*Adjusta-Point  
14mm Straight  
Liquid*

			<b>Exc</b>	<b>Inc</b>
<b>PT5640</b>	14mm Adjusta-Point Lo-Thro Standard		\$90.00	\$ 99.00
<b>PT5650</b>	14mm Adjusta-Point Lo-Thro Liquid		\$120.00	\$132.00
<b>PT5660</b>	14mm Adjusta-Point Straight Standard		\$90.00	\$ 99.00
<b>PT5670</b>	14mm Adjusta-Point Straight Liquid		\$120.00	\$132.00

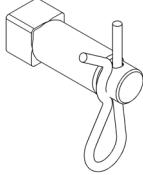
### Holders & Fasteners

**HL5610**



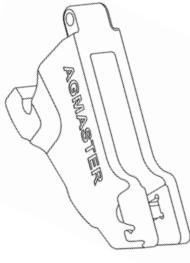
*Adjusta-Point  
Holder 2021-Current  
Uses pin PIR41/PIS41  
For holder HL5610*

**PIR41**



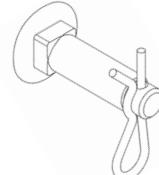
*12mm Square Head  
Pin & R Clip for  
Adjusta-Point  
For holder HL5610*

**HL5600**



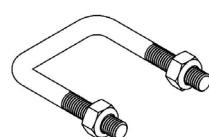
*Adjusta-Point  
Holder 2018-2020  
Uses Pin PIR45/PIS45  
For holder HL5600*

**PIR45**



*12mm Cuphead Pin  
& R Clip for  
Adjusta-Point  
For holder HL5600*

**UBNXXXX**



*U-Bolt to secure  
point holder  
& boot adapter*

			<b>Exc</b>	<b>Inc</b>
<b>HL5610</b>	Adjusta-Point Holder 2021- current		\$25.00	\$27.50
<b>PIR41</b>	Pin 12mm x 41mm Square & R Clip for HL5610		\$ 2.20	\$ 2.42
<b>PIS41</b>	Pin 12mm x 41mm Square & Split Pin for HL5610		\$ 2.00	\$ 2.20
<b>HL5600</b>	Adjusta-Point Holder 2018-2020		\$25.00	\$27.50
<b>PIR45</b>	Pin 12mm x 45mm Cup Head & R Clip for HL5600		\$ 2.20	\$ 2.42
<b>PIS45</b>	Pin 12mm x 45mm Cup Head & Split Pin for HL5600		\$ 2.00	\$ 2.20
<b>PI12A41</b>	Pin 12mm x 41mm Square for HL5610		\$ 1.90	\$ 2.09
<b>PI12A45</b>	Pin 12mm x 45mm Cup Head for HL5600		\$ 1.90	\$ 2.09
<b>PI432R</b>	R-Clip 2.5 x 43mm		\$ 0.40	\$ 0.44
<b>PI325S</b>	Split Pin 3 x 25mm		\$ 0.20	\$ 0.22
<b>UBN2001</b>	M12 U-Bolt 65x52 w/ Nuts & Washers - for Adjusta-Point to Flexi-Boot <i>For Class #1 &amp; #2 tynes listed in Matrix Pg16</i>		\$ 5.00	\$ 5.50
<b>UBN5611</b>	M12 U-Bolt 80x52 w/ Nuts & Washers - for Adjusta-Point to Flexi-Boot <i>For Class #3 tynes listed in Matrix Pg16</i>		\$ 5.00	\$ 5.50

## Flexi Boots & Other Parts



**FB2840**  
**FB2850**



**FB2870**



**HC52T**



**FB2834**  
**FB2835**



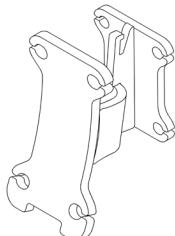
**CL2844**  
**CL2845**



**SP2880**

				<b>Exc</b>	<b>Inc</b>
<b>FB2870</b>	Flexi Boot hose 340mm long			\$ 35.00	\$ 38.50
<b>HC52T</b>	Hose Clamp			\$ 5.00	\$ 5.50
<b>FB2840</b>	Flexi Boot 40mm Closer – Inc SP2880			\$ 95.00	\$104.50
<b>FB2850</b>	Flexi Boot 50mm Closer – Inc SP2880			\$ 95.00	\$104.50
<b>FB2834</b>	Hose Insert with 40mm Closer			\$ 50.00	\$ 55.00
<b>FB2835</b>	Hose Insert with 50mm Closer			\$ 50.00	\$ 55.00
<b>CL2844</b>	Closer Plate, weld-on, 40mm wide			\$ 25.00	\$ 27.50
<b>CL2845</b>	Closer Plate, weld-on, 50mm wide			\$ 25.00	\$ 27.50
<b>SP2880</b>	Spring Inner 200 x 37			\$ 10.00	\$ 11.00

## Brackets & Fasteners



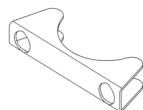
**FB2910**  
**FB2940**



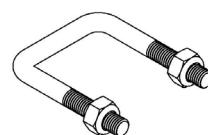
**FB2980**



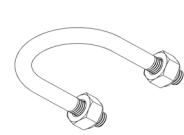
**FB2810**



**FB2820**



**UBN200X**  
**UBN5611**



**UBN2007**

			<b>Exc</b>	<b>Inc</b>
<b>FB2910</b>	* Suits two bolt flat-on tynes		\$ 65.00	\$ 71.50
<b>FB2940</b>	** Suits two bolt edge on tynes		\$ 65.00	\$ 71.50
<b>FBH2980</b>	Hose support bracket with hose clamp		\$ 20.00	\$ 22.00
<b>FB2810</b>	Support Saddle <i>one required per hose</i>		\$ 5.00	\$ 5.50
<b>FB2820</b>	Grip Clamp <i>one required per hose</i>		\$ 5.00	\$ 5.50
<b>UBN2001</b>	M12 U-bolt 65 x 52 w Nuts & Washers		\$ 5.00	\$ 5.50
<b>UBN2002</b>	M12 U-bolt 90 x 30 w Nuts & Washers		\$ 5.00	\$ 5.50
<b>UBN5611</b>	M12 U-bolt 80 x 52 w Nuts & Washers		\$ 5.00	\$ 5.50
<b>UBN2007</b>	M10 U-Bolt w Nuts & Washers to clamp hose to bracket <i>2 required per hose</i>		\$ 5.00	\$ 5.50
* Uses 2x UBN2001				
** Uses 1x UBN2002 & 1x UBN5611				

## NT19 EXTRAS

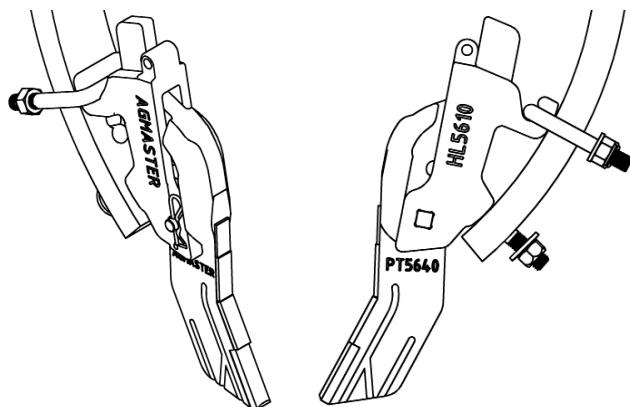
**SUITS:** Double-bolt C-Shank and Edge-On tynes with 1/2" bolt holes

\* Front-of-tyne assembly \*Four NT19 Adjusta-Point options \*Compatible with full Agmaster Seeding Boot range

### NT19 POINT & HOLDER KITS (NO BOOT)

Included: Point, Holder & Pin only. No bolts/u-bolts.

**\$115 - \$145 +GST**



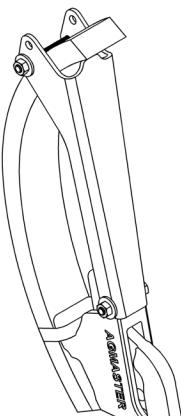
**SEE PAGE 17 FOR  
POINT OPTIONS &  
SPARE PARTS**

U-bolt and tyne bolt to be ordered separately as these vary depending on seeding boot type and machine/tyne specifications.  
Contact Agmaster if you require assistance.

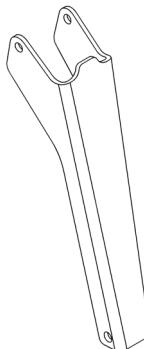
		Exc	Inc
PTH6461	NT19 Adjusta-Point & Holder Kit w Lo-Thro Standard PT5640 Point	\$ 115.00	\$ 126.50
PTH6561	NT19 Adjusta-Point & Holder Kit w Lo-Thro Liquid PT5650 Point	\$ 145.00	\$ 159.50
PTH6661	NT19 Adjusta-Point & Holder Kit w Straight Standard PT5660 Point	\$ 115.00	\$ 126.50
PTH6761	NT19 Adjusta-Point & Holder Kit w Straight Liquid PT5670 Point	\$ 145.00	\$ 159.50

### NT19 TRASHGUARDS

Will only fit up to NT19 Series Adjusta-Point Holders (HL5600/HL5610)



TGB5750  
TGB5730



TG5750  
TG5730



BON8M65



BON8M45

		Exc	Inc
TGB5750	NT19 Adjusta-Point Trashguard with bolts– Flat-on Tynes	\$ 30.00	\$ 33.00
TGB5730	NT19 Adjusta-Point Trashguard with bolts– Edge-on Tynes	\$ 30.00	\$ 33.00
TG5750	* NT19 Trashguard for flat-on tynes	\$ 29.00	\$ 31.90
TG5730	** NT19 Trashguard for edge-on tynes	\$ 29.00	\$ 31.90
BON8M65	Bolt M8 x 65 with nut	\$ 1.00	\$ 1.10
BON8M45	Bolt M8 x 45 with nut	\$ 1.00	\$ 1.10

\* Uses 1x BON8M65 & 1x BON8M45

\*\* Uses 2x BON8M45



## NT20 MULTI-BOOT MODULE

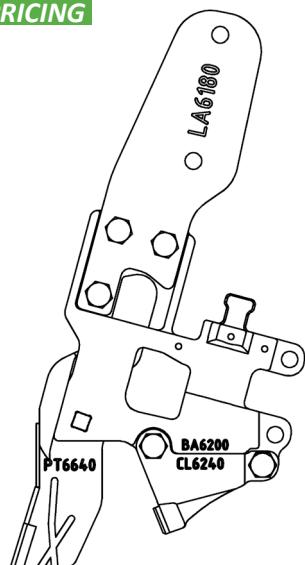
**SUITS:** \* Morris Contour 2, Contour 3 & Quantum \* Bourgault Paralink \* Horsch Sprinter NT (High Model)  
\*Modular system \*Standard & Liquid Adjusta-Point options \*Single-Row or Paired-Row  
\* Single or Dual Shoot \* Option for liquid in knife point slot and/or with seed

### NT20 MULTIBOOT MODULE - SINGLE ROW

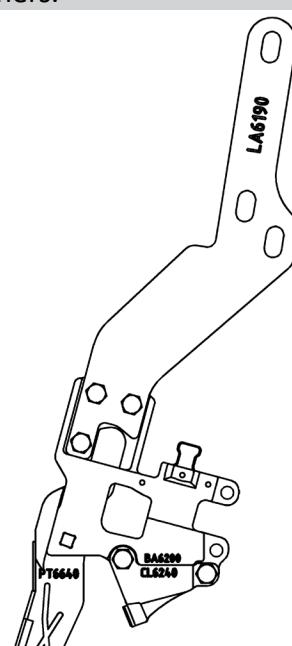
Included: All parts pictured, including fasteners.

**\$295 - \$360 +GST**

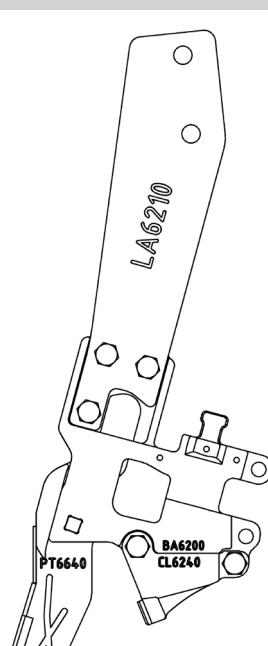
SEE PAGE 23  
FOR PART #'S  
AND PRICING



NT20M SINGLE-ROW  
suit MORRIS C2/C3/QUANTUM



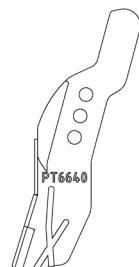
NT20B SINGLE-ROW  
suit BOURGAULT PARALINK



NT20H SINGLE-ROW  
suit HORSCH SPRINTER NT

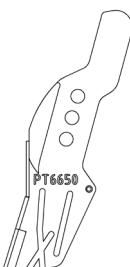
### NT20 ADJUSTA-POINT OPTIONS

**PT6640**



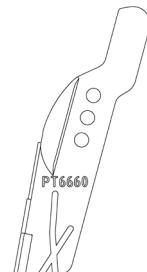
14mm Lo-Thro  
Standard

**PT6650**



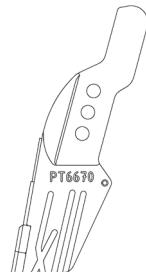
14mm Lo-Thro  
Liquid

**PT6660**



12mm Straight  
Standard

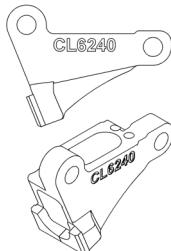
**PT6670**



12mm Straight  
Liquid

### SINGLE-ROW CLOSING TOOL OPTION

**CL6240**



Single-Row  
45mm Closer

#### Dual Shoot Option

If you are looking for a single-row dual-shoot option, please contact Agmaster to discuss



#### 12mm Straight Points

New for 2024 season. These are 10mm LONGER than the 14mm Lo-Thro style

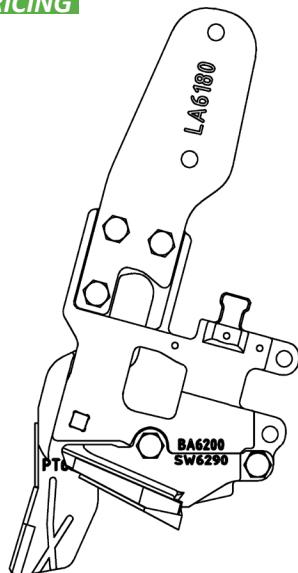
## **NT20 MULTIBOOT MODULE - PAIRED-ROW**

Included: All parts pictured, including & fasteners.

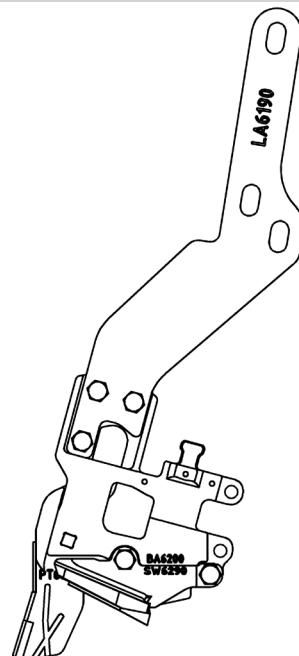
**\$395 - \$520 +GST**

**SEE PAGE 23  
FOR PART #'S  
AND PRICING**

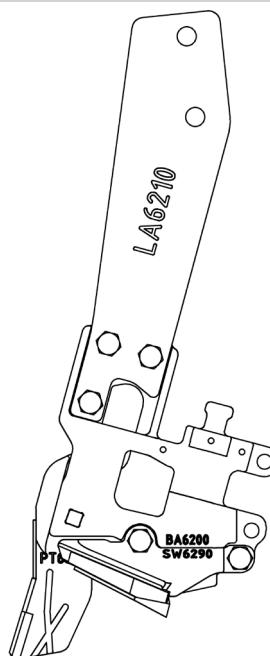
### **SINGLE SHOOT**



**NT20M PAIRED-ROW SINGLE**  
suit **MORRIS C2/C3/QUANTUM**



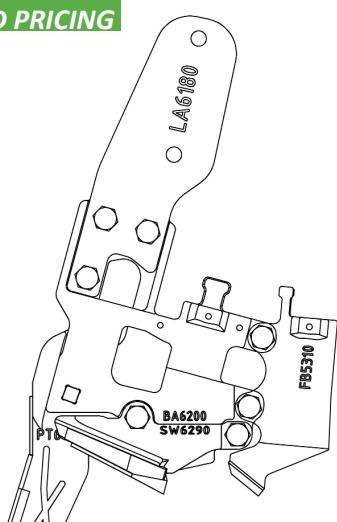
**NT20B PAIRED-ROW SINGLE**  
suit **BOURGAULT PARALINK**



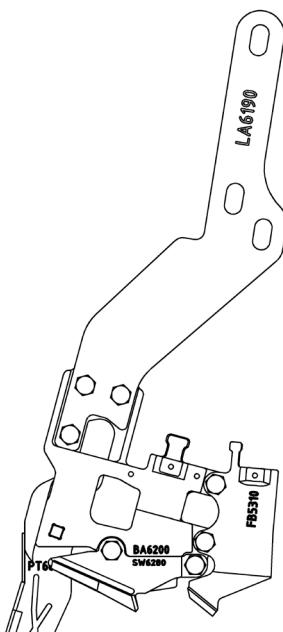
**NT20H PAIRED-ROW SINGLE**  
suit **HORSCH SPRINTER NT**

**SEE PAGE 21  
FOR PART #3S  
AND PRICING**

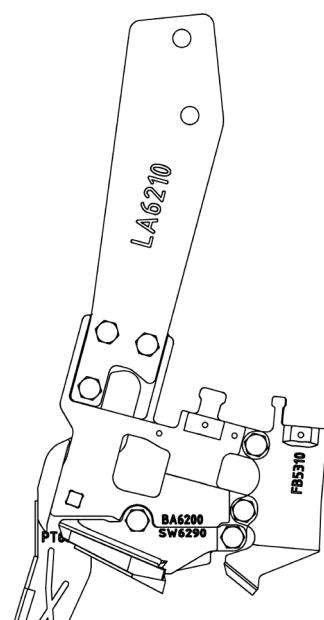
### **DUAL SHOOT**



**NT20M PAIRED-ROW DUAL**  
suit **MORRIS C2/C3/QUANTUM**



**NT20B PAIRED-ROW DUAL**  
suit **BOURGAULT PARALINK**

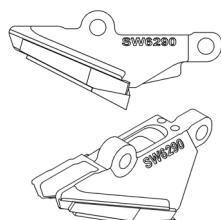


**NT20H PAIRED-ROW DUAL**  
suit **HORSCH SPRINTER NT**

## **PAIRED-ROW SEEKER WING OPTIONS**

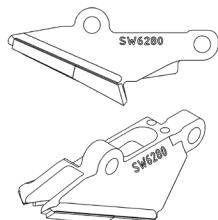
**POINT OPTIONS PICTURED ON PAGE 21**

### **SW6290**



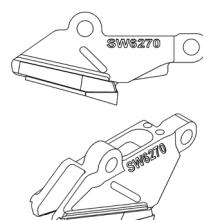
*Paired-Row  
95mm Seeker Wing  
~75mm rows*

### **SW6280**



*Paired-Row  
85mm Seeker Wing  
~65mm rows*

### **SW6270**



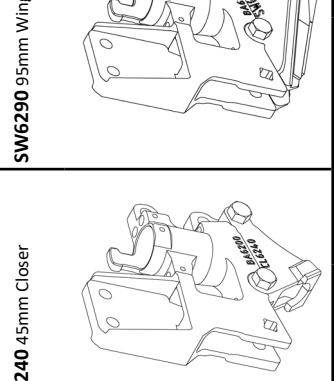
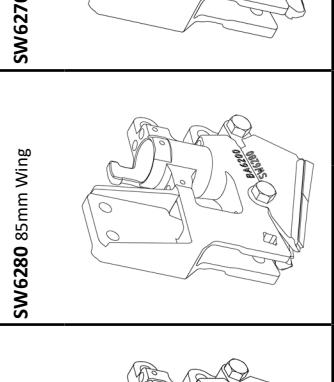
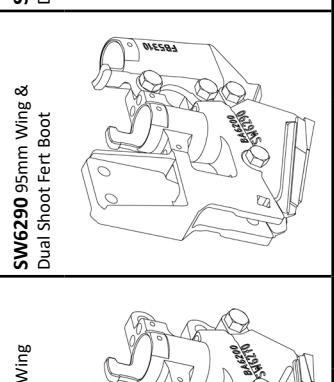
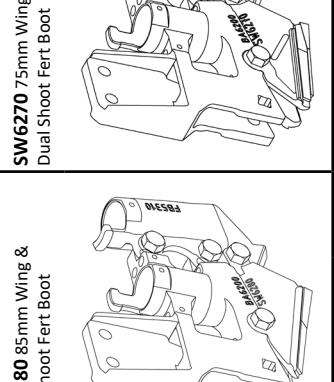
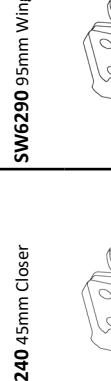
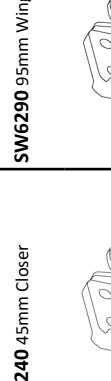
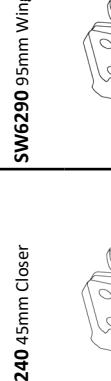
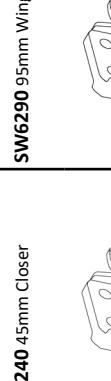
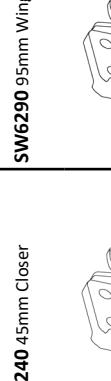
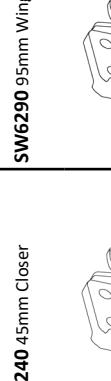
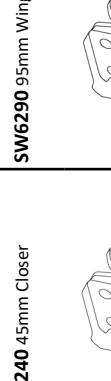
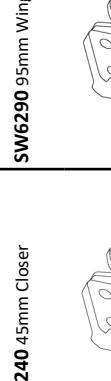
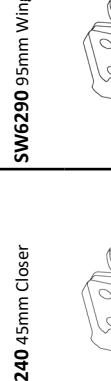
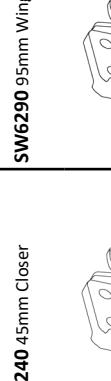
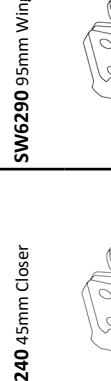
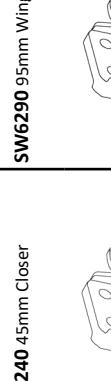
*Paired-Row  
75mm Seeker Wing  
~55mm rows*

## NT20 MULTI-BOOT MODULE PRICES & PART NUMBERS MATRIX

### INSTRUCTIONS:

1. Identify "Module Make" relevant to your machine
2. Select point from left column
3. Select boot/closer from top row
4. Find part number & price relevant to your machine where your point & boot choice intersect

**FOR MODULE MAKES NOT LISTED UNDER EITHER OF THE CLASSIFICATIONS, PLEASE CONTACT AGMASTER AS OTHERS MAY BE AVAILABLE BY SPECIAL ORDER**

		MORRIS (MR) Suits: Morris Seeding Modules for the Contour 2, Contour 3 & Quantum machines	BOURGAULT (BG) Suits Bourgault Seeding Module for the Paralink machine	HORSCH (HO) Suits Horsch Sprinter NT seeding module for the high model Sprinter NT machine.
		NOTE: Does not suit PLDS (Dual Shank)		
		<b>PAIRED ROW/DUAL SHOOT</b>		
<b>SINGLE ROW</b>		<b>PAIRED ROW/SINGLE SHOOT</b>		
<b>BOOTS</b> 		<b>SW6290</b> 95mm Wing 	<b>SW6270</b> 75mm Wing 	<b>SW6290</b> 95mm Wing & Dual Shoot Fert Boot 
<b>MR</b> 	<b>\$295</b> <b>PMM64182024</b> +GST	<b>\$405</b> <b>PMM64182029</b> +GST	<b>\$395</b> <b>PMM64182028</b> +GST	<b>\$455</b> <b>PMM6418202931</b> +GST
<b>BG</b> 	<b>\$325</b> <b>PMM64192024</b> +GST	<b>\$435</b> <b>PMM64192029</b> +GST	<b>\$425</b> <b>PMM64192028</b> +GST	<b>\$485</b> <b>PMM6419202931</b> +GST
<b>HO</b> 	<b>\$325</b> <b>PMM64212024</b> +GST	<b>\$435</b> <b>PMM64212029</b> +GST	<b>\$425</b> <b>PMM64212028</b> +GST	<b>\$485</b> <b>PMM6421202931</b> +GST
<b>MR</b> 	<b>\$330</b> <b>PMM65182024</b> +GST	<b>\$440</b> <b>PMM65182029</b> +GST	<b>\$430</b> <b>PMM65182028</b> +GST	<b>\$490</b> <b>PMM6518202931</b> +GST
<b>BG</b> 	<b>\$360</b> <b>PMM65192024</b> +GST	<b>\$470</b> <b>PMM65192029</b> +GST	<b>\$460</b> <b>PMM65192028</b> +GST	<b>\$520</b> <b>PMM6519202931</b> +GST
<b>HO</b> 	<b>\$360</b> <b>PMM65212024</b> +GST	<b>\$470</b> <b>PMM65212029</b> +GST	<b>\$460</b> <b>PMM65212028</b> +GST	<b>\$520</b> <b>PMM6521202931</b> +GST
<b>MR</b> 	<b>\$295</b> <b>PMM66182024</b> +GST	<b>\$405</b> <b>PMM66182029</b> +GST	<b>\$395</b> <b>PMM66182028</b> +GST	<b>\$455</b> <b>PMM6618202931</b> +GST
<b>BG</b> 	<b>\$325</b> <b>PMM66192024</b> +GST	<b>\$435</b> <b>PMM66192029</b> +GST	<b>\$425</b> <b>PMM66192028</b> +GST	<b>\$485</b> <b>PMM6619202931</b> +GST
<b>HO</b> 	<b>\$325</b> <b>PMM66212024</b> +GST	<b>\$435</b> <b>PMM66212029</b> +GST	<b>\$425</b> <b>PMM66212028</b> +GST	<b>\$485</b> <b>PMM6621202931</b> +GST
<b>MR</b> 	<b>\$330</b> <b>PMM67182024</b> +GST	<b>\$440</b> <b>PMM67182029</b> +GST	<b>\$430</b> <b>PMM67182028</b> +GST	<b>\$490</b> <b>PMM6718202931</b> +GST
<b>BG</b> 	<b>\$360</b> <b>PMM67192024</b> +GST	<b>\$470</b> <b>PMM67192029</b> +GST	<b>\$460</b> <b>PMM67192028</b> +GST	<b>\$520</b> <b>PMM6719202931</b> +GST
<b>HO</b> 	<b>\$360</b> <b>PMM67212024</b> +GST	<b>\$470</b> <b>PMM67212029</b> +GST	<b>\$460</b> <b>PMM67212028</b> +GST	<b>\$520</b> <b>PMM6721202931</b> +GST

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

## NT20 MULTI-BOOT MODULE PARTS

Spare parts for Multi-Boot Module Kits for Morris C2/C3/Quantum, Bourgault Paralink & Horsch Sprinter P21-23

### Points & Closing Tools for Multi-Boot Module

PT6640	PT6650	PT6660	PT6670	SW6290	SW6280	SW6270	CL6240
14mm Lo-Thro Standard	14mm Lo-Thro Liquid	12mm Straight Standard	12mm Straight Liquid	Paired-Row 95mm Seeker Wing ~75mm rows	Paired-Row 85mm Seeker Wing ~65mm rows	Paired-Row 75mm Seeker Wing ~55mm rows	Single-Row 45mm Closer

			Exc	Inc
PT6640	* or **	14mm Adjusta-Point; Lo-Thro Standard	\$ 85.00	\$ 93.50
PT6650	* or **	14mm Adjusta-Point; Lo-Thro Liquid	\$115.00	\$126.50
PT6660	* or **	12mm Adjusta-Point; Straight Standard	\$ 85.00	\$ 93.50
PT6670	* or **	12mm Adjusta-Point; Straight Liquid	\$115.00	\$126.50
SW6290	***	95mm Seeker Wing for Module; paired rows 75mm apart	\$160.00	\$176.00
SW6280	***	85mm Seeker Wing for Module; paired rows 65mm apart	\$150.00	\$165.00
SW6270	***	75mm Seeker Wing for Module; paired rows 55mm apart	\$150.00	\$165.00
CL6240	***	45mm Closer for Module; single row	\$ 50.00	\$ 55.00

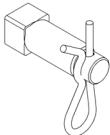
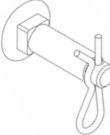
### Other Parts for Multi-Boot Module

BA62X0	LA6180	LA6190	LA6210	FB5310	SL5520
Boot Adaptor	Morris Leg Adaptor	Bourgault Leg Adaptor	Horsch Leg Adaptor	Dual-Shoot Dry Fertiliser Boot	Stainless Liquid Tube

		Exc	Inc
BA6200	Boot Adaptor 2021; mount for above closing tools and fertiliser boot	\$ 95.00	\$104.50
BA6260	Boot Adaptor 2020; mount for above closing tools and fertiliser boot	\$ 95.00	\$104.50
LA6180	*** + **** Leg Adaptor <u>Morris</u> ; secures seeding system to machine	\$ 65.00	\$ 71.50
LA6190	***** + ***** Leg Adaptor <u>Bourgault Paralink</u> ; secures seeding system to machine	\$ 95.00	\$104.50
LA6210	*** + **** Leg Adaptor <u>Horsch Sprinter</u> ; secures seeding system to machine	\$ 95.00	\$104.50
FB5310	*** Optional Dry Fertiliser Boot; drops fertiliser in between paired rows when used with Seeker Wings	\$ 50.00	\$ 55.00
LF5520	***** Liquid Fertiliser Tube; stainless steel tube for directing liquid fertiliser to back of point or for liquid with seed. <i>If using with point, 1 required per boot/closer. If for with seed then 1 required per seed row.</i>	\$ 5.00ea	\$ 5.50ea

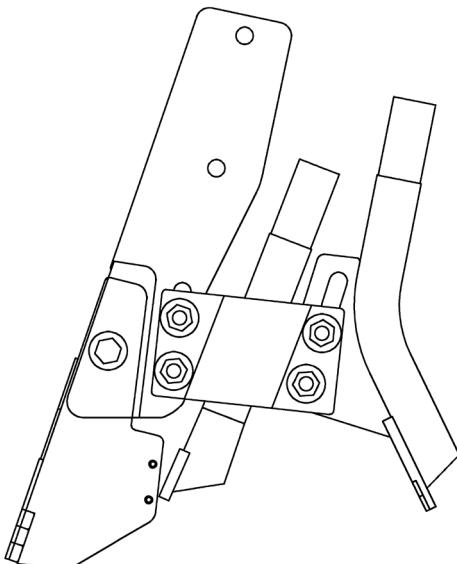
**FOR FASTENERS, PLEASE REFER TO NEXT PAGE**

## NT20 Multi-Boot Module Fastener Guide

			Exc	Inc
<b>PIR41</b> 	*	1 x PIR41	M12 x 41mm Square Pin & R-Clip w BA6200 (2021-current)	\$ 2.20ea \$ 2.42ea
	*	1 x PIS41	M12 x 41mm Square Pin & Split Pin w BA6200 (2021-current)	\$ 2.00ea \$ 2.20ea
	**	1 x PIR45	M12 x 45mm Cuphead Pin & R-Clip w BA6260 (2020)	\$ 2.20ea \$ 2.42ea
	**	1 x PIS45	M12 x 45mm Cuphead Pin & Split Pin w BA6260 (2020)	\$ 2.00ea \$ 2.20ea
	***	2 x BNW122	½" x 2" Bolt, Nut & Washer	\$ 3.00ea \$ 3.30ea
	****	3 x BNW12134	½" x 1 ¾" Bolt, Nut & Washer	\$ 3.00ea \$ 3.30ea
<b>PIR45</b> 	*****	3 x BNW122	½" x 2" Bolt, Nut & Washer	\$ 3.00ea \$ 3.30ea
	*****	2 x BNW16M55	M16 x 55 Bolt, Nut & Washer & 1x original BG u-bolt	\$ 4.00ea \$ 4.40ea
	*****	1 x BO6M16S	M6 x 16 Bolt (1 required per tube behind point)	\$ 0.50ea \$ 0.55ea
	*****	1 x BO6M10S	M6 x 16 Bolt (1 required per tube with seed)	\$ 0.50ea \$ 0.55ea

## NT21M DUAL IN-LINE FOR MORRIS QUANTUM & CONTOUR 2/3

This dual-shoot in-line system is currently compatible only with the Morris Quantum & Contour 2/3. It was developed to fulfill customer requirements that our Multi-Boot Module system was unable to meet. Kits available upon request.



**PMI063554** Standard Dual In-Line Kit      \$395.00 \$434.50  
Dual In-Line Seeding Kit for Morris; 12mm Standard Adjustable Point, 40mm Closer

**PMI073554** Liquid Dual In-Line Kit      \$425.00 \$467.50  
Dual In-Line Seeding Kit for Morris; 12mm Liquid Adjustable Point, 40mm Closer. *Pictured.*

### Dual In-Line Parts

**PT5060**



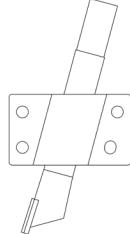
**PT5070**



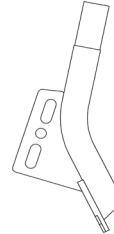
**SL5350**



**FB5350**



**BT5540**



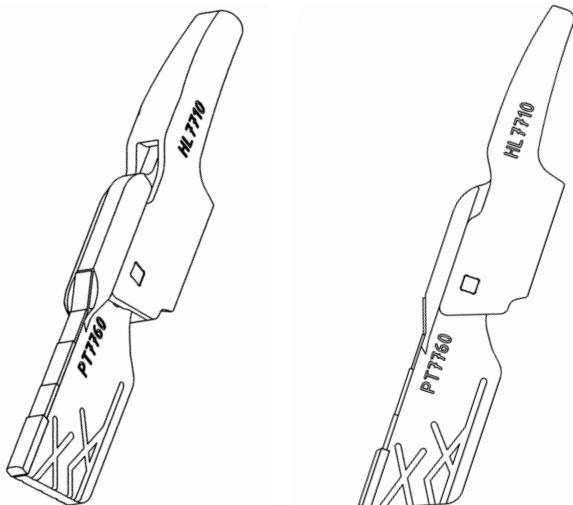
			Exc	Inc
<b>PT5060</b>	*	Standard Point; 12mm height-adjustable standard point	\$ 80.00	\$ 88.00
<b>PT5070</b>	*	Liquid Point; 12mm height-adjustable liquid point	\$110.00	\$121.00
<b>SL5350</b>	**	Leg; holds point and attaches seeding kit to machine	\$125.00	\$137.50
<b>FB5350</b>	***	Dry Fertiliser Boot; dual-shoot behind point	\$110.00	\$121.00
<b>BT5540</b>	***	Seeding Boot; 40mm closer plate	\$ 75.00	\$ 82.50

*	Requires 1 x BNW12112	½" x 1 ½" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea
**	Requires 2 x BNW122	½" x 2" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea
***	Requires 2 x BNW12112	½" x 1 ½" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea

## NT21D ADJUSTA-POINT FOR DBS

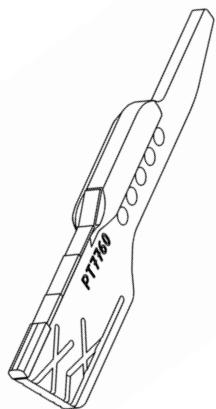
### SUITS: DBS/Groundhog shanks

- \* Front-of-tyne assembly
- \* Unique holder design with built-in trashguard
- \*14mm Adjusta-Point
- \*Five depth settings 120 - 200mm
- \*Easy access 12mm pin & R-clip



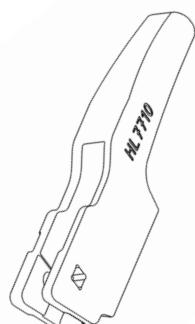
### NT21D Parts

**PT7760**



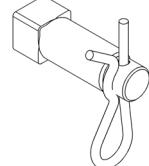
NT21D Adjusta-Point  
to suit DBS

**HL7710**



NT21D Point Holder  
to suit DBS

**PIR41**



12mm Square Head  
Pin & R Clip

**PT7760** NT21D 14mm Adjusta-Point to suit DBS

**Exc**      **Inc**

**HL7710** NT21D Point Holder to suit DBS

**Exc**      **Inc**

**PIR45** Pin M12 x 45mm Square Head & R-Clip for Adjusta-Point 2021 on

**Exc**      **Inc**

**PI12A41** Pin M12 x 45mm Square Head for Adjusta-Point 2021 on

**Exc**      **Inc**

**PI432R** R-Clip 43 x 2.5mm

**Exc**      **Inc**

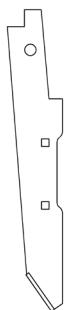
## NT21B BOURGAULT PLDS REPLACEMENT POINTS

We now have the following non-genuine replacement parts available to suit the Bourgault PLDS.

Pre-order recommended



**PT6710**



**PT6720**

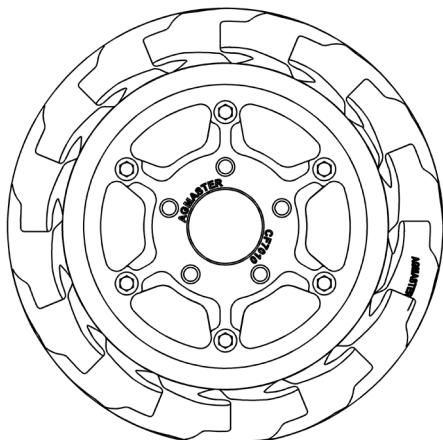
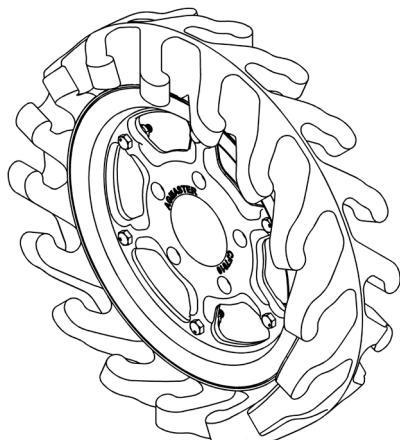
		<b>Exc</b>	<b>Inc</b>
<b>PT6710</b>	Fertiliser Knife to suit PLDS	<b>\$140.00</b>	<b>\$154.00</b>

		<b>Exc</b>	<b>Inc</b>
<b>PT6720</b>	Seed Knife to suit PLDS	<b>\$ 95.00</b>	<b>\$104.50</b>

## EMU TRACKER WHEELS

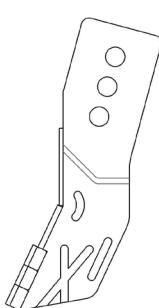
**SUITS:** Bourgault Paralink, Morris Quantum, Morris Contour 2/3 & Horsch Sprinter. Other makes may be adaptable.

These wheels have a unique design which addresses the issue of presswheel furrow smearing on some parallelogram seeding modules (as listed above) The Emu Tracker wheel replaces the existing presswheel on these modules. The flexible feet flick some of the loose soil back into the seeding row while giving some pressing effect. They are most effective in moist clay soil conditions.

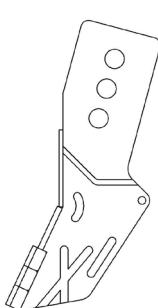


		Exc	Inc
CF7560	Emu Tracker complete wheel assembly for Morris Quantum, C2 & Paralink	\$280.00	\$308.00
CF7360	Emu Tracker complete wheel assembly for Horsch Sprinter	\$280.00	\$308.00
CF7160	Emu Tracker replacement tyre only	\$140.00	\$154.00

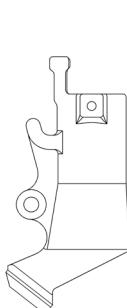
## EARLY MODEL MORRIS C2 & BOURGAULT PARALINK PARTS



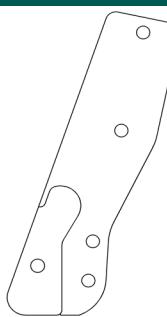
PT6040



PT6050



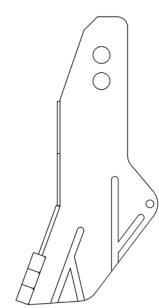
FB6410



SL5340



PT5040



PT5050

## KWIK FIT MODULE 2017-2018 PARTS (Morris C2 & Bourgault Paralink)

		Exc	Inc
PT6040	* Standard Point; 14mm, Lo-Thro, height adjustable	\$ 80.00	\$ 88.00
PT6050	* Liquid Point; 14mm, Lo-Thro, height adjustable	\$110.00	\$121.00
FB6410	** Optional Dry Fertiliser Boot; drops fertiliser in between paired rows when used with SW6720 and SW6820	\$ 50.00	\$ 55.00

## MORRIS CONTOUR 2 2015-2016 PARTS

SL5340	*** MC2 Seeker leg to hold point & seeker boot	\$125.00	\$137.50
PT5040	**** 12mm Standard point to suit MC2 SL5340	\$ 80.00	\$ 88.00
PT5050	**** 12mm Liquid point to suit MC2 SL5340	\$110.00	\$121.00

*	Requires 1x BNW7162	7/16" x 2" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea
**	Requires 1x BNW12M55	M12 x 55 Bolt, Nut & Washer	\$ 2.00ea	\$ 2.20ea
***	Requires 2x BNW122	½" x 2" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea
****	Requires 1x BNW12134	½" x 1 ¾" Bolt, Nut & Washer	\$ 3.00ea	\$ 3.30ea

FOR CURRENT MORRIS QUANTUM & CONTOUR 2/3 KITS, PLEASE REFER TO PAGES 21-23



## NT11 POINT & RIGID BOOT SEEDING KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes (Examples listed on page 30)

\*Seven NT11 Point styles with a mixture of Straight or Lo-Thro profiles and Standard or Liquid options

\* Three height-adjustable seeding boot styles with Single or Dual Shoot options

\* Provision for liquid in knife point slot and/or with seed (select boots only) \* Accessories such as

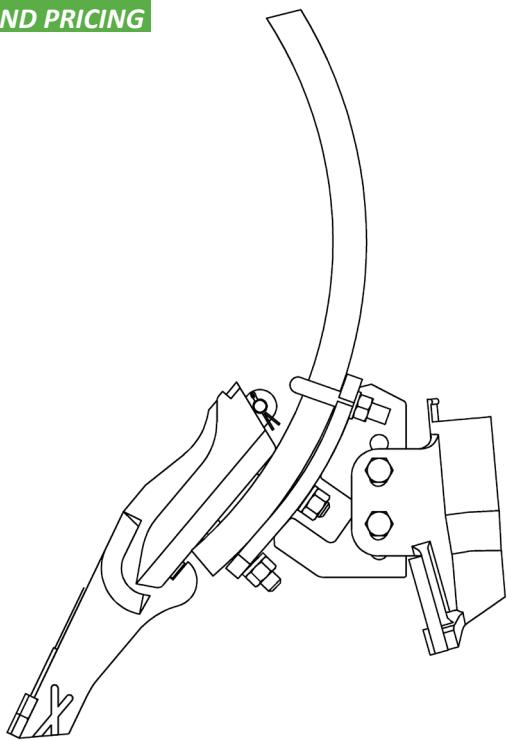
Trashguards & Liquid Kits available (P38/39)

### NT11 RIGID BOOT

Included: All parts pictured including fasteners.

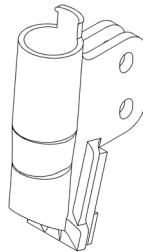
**\$210 - \$370 +GST**

**SEE PAGE 30  
FOR PART #'S  
AND PRICING**



#### BOOT OPTIONS

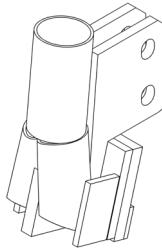
##### BT2540/BT2550



Standard Single Shoot Boot  
40mm or 50mm Closer

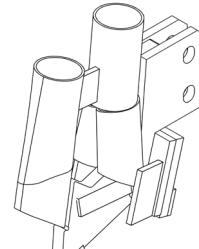
**Wetter with Seed Option:**  
Provision for liquid/wetter with the seed now comes standard on Single-Shoot Boots BT2540 & BT2550.

##### BT2370



"Y" Tube Single Shoot Boot  
65mm Closer

##### BT2390



Dual Shoot Boot  
65mm Closer

Pipe size at top of all boots is 38.4mm inside diameter. Cast boots (BT2540/BT2550) taper down to 32mm to suit narrower hose sizes.

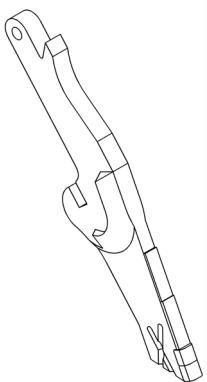
#### POINT OPTIONS FOR NT11 RIGID BOOT KITS

\*Three widths; 12mm & 16mm Straight or 14mm Lo-Thro profiles \*16mm Winged option

\*Liquid or Standard available in all widths of the Straight & Lo-Thro profiles

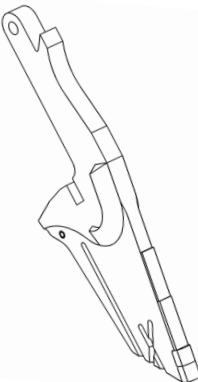
\* **Soft Point Option:** A softer tip on the points for extremely rocky conditions is available for kits with PT1120 and PT1160 points. These are identified by the point being painted. There is no price difference for "Red" points.

##### PT1120



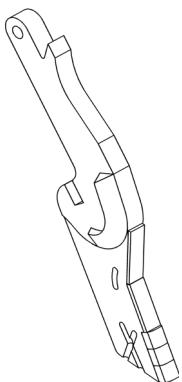
12mm  
Straight  
Standard

##### \*PT1150



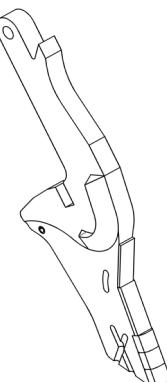
12mm  
Straight  
Liquid

##### PT1140



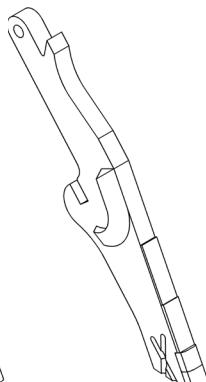
14mm  
Lo-Thro  
Standard

##### \*PT1170



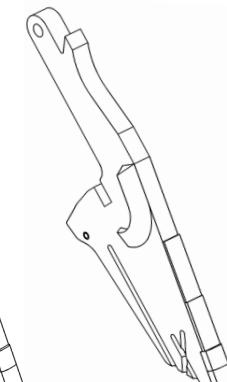
14mm  
Lo-Thro  
Liquid

##### PT1160



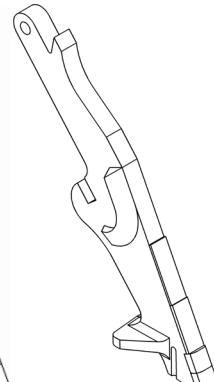
16mm  
Straight  
Standard

##### \*PT1190



16mm  
Straight  
Liquid

##### PT1130

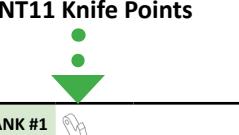
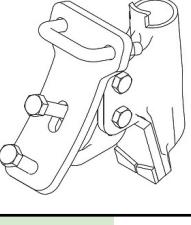
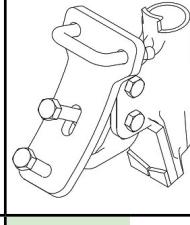
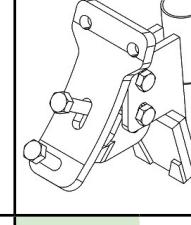
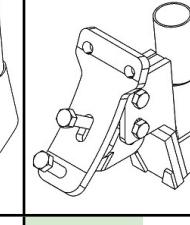
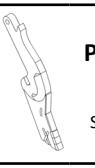
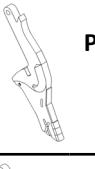


16mm  
Winged  
Standard

**\* PLEASE NOTE:** Kits with Liquid Points do not include parts for directing liquid to back of point. See page 39 for liquid kits.

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

# NT11 RIGID SEEDING KITS PRICE & PART NUMBERS MATRIX

INSTRUCTIONS: 1. Identify "Tyne Class" relevant to your machine/tyne 2. Select Point from left column				3. Select boot/closer from top row 4. Find part number & price relevant to your tyne class where your point & boot choice intersect											
<b>C-SHANK TYNE CLASS 1:</b>		Standard C-Shank tynes with 1/2" bolt holes & 1 3/4" spacings Examples: Morris 400lb, Flexicoil 350lb (holes reamed to 1/2"), Bourgault, Ezee-On, Horwood Bagshaw C-Shank, Shearer													
<b>C-SHANK TYNE CLASS 2:</b>		Standard C-Shank tynes with 7/16" bolt holes & 1 3/4" spacings Example: Flexicoil 350lb (original un-reamed tyne bolt holes)													
<b>C-SHANK TYNE CLASS 3:</b>		Standard C-Shank tynes with 1/2" bolt holes & 2 1/4" spacings Examples: Morris 650lb/Hydraulic, John Deere 1810-1830, Flexicoil 550lb/650lb/Hydraulic													
<b>EDGE-ON TYNE CLASS 4:</b>		Edge-On tynes (wide foot with narrow shank) with 1/2" bolt holes <b>IMPORTANT:</b> These tynes have a specific bracket each, so the tyne ref. in the part number will need to be replaced with the machine/tyne code from below in place of the OX e.g. PHB120X54 for Horwood Bagshaw Scaribar is <b>PHB120954</b>													
		TYNE REF CODES:		AFM 340 04	Forwood Delta 05	Flexicoil Edge-On 06	Gason 5100 07	Gason Scari 08	Horwood Bagshaw 09	Simplicity/ Gason HT 11					
<b>FOR TYNES NOT LISTED UNDER ANY OF THE FOUR CLASSIFICATIONS, PLEASE CONTACT AGMASTER</b>															
<b>BOOTS</b> Rigid Boot Options 	<b>RIGID BOOT OPTIONS</b>								<b>POINT &amp; HOLDER</b>						
	<b>BT2540</b> 40mm Closer		<b>BT2550</b> 50mm Closer		<b>BT2370</b> 65mm Closer "Y" Single		<b>BT2390</b> 65mm Closer "Y" Dual Shoot								
										<b>NO BOOT</b> NT11 Point & Holder Kits include pins but no bolts					
<b>C-SHANK #1</b>		PT1120*	PHB120154		PHB120155		PHB120137		PHB120139	PTH1210					
<b>C-SHANK #2</b>		12mm Straight Standard	PHB120254	\$210	PHB120255	\$210	PHB120237	\$275	PHB120239	PTH1211					
<b>C-SHANK #3</b>			PHB120354	+GST	PHB120355	+GST	PHB120337	+GST	PHB120339	PTH1210 +GST					
<b>EDGE-ON #4</b>			PHB120X54		PHB120X55		PHB120X37		PHB120X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1150	PHB150154		PHB150155		PHB150137		PHB150139	PTH1510					
<b>C-SHANK #2</b>		12mm Straight Liquid	PHB150254	\$240	PHB150255	\$240	PHB150237	\$305	PHB150239	PTH1511					
<b>C-SHANK #3</b>			PHB150354	+GST	PHB150355	+GST	PHB150337	+GST	PHB150339	PTH1510 +GST					
<b>EDGE-ON #4</b>			PHB150X54		PHB150X55		PHB150X37		PHB150X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1140	PHB140154		PHB140155		PHB140137		PHB140139	PTH1410					
<b>C-SHANK #2</b>		14mm Lo-Thro Standard	PHB140254	\$220	PHB140255	\$220	PHB140237	\$285	PHB140239	PTH1411					
<b>C-SHANK #3</b>			PHB140354	+GST	PHB140355	+GST	PHB140337	+GST	PHB140339	PTH1410 +GST					
<b>EDGE-ON #4</b>			PHB140X54		PHB140X55		PHB140X37		PHB140X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1170	PHB170154		PHB170155		PHB170137		PHB170139	PTH1710					
<b>C-SHANK #2</b>		14mm Lo-Thro Liquid	PHB170254	\$250	PHB170255	\$250	PHB170237	\$315	PHB170239	PTH1711					
<b>C-SHANK #3</b>			PHB170354	+GST	PHB170355	+GST	PHB170337	+GST	PHB170339	PTH1710 +GST					
<b>EDGE-ON #4</b>			PHB170X54		PHB170X55		PHB170X37		PHB170X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1160*	PHB160154		PHB160155		PHB160137		PHB160139	PTH1610					
<b>C-SHANK #2</b>		16mm Straight Standard	PHB160254	\$220	PHB160255	\$220	PHB160237	\$285	PHB160239	PTH1611					
<b>C-SHANK #3</b>			PHB160354	+GST	PHB160355	+GST	PHB160337	+GST	PHB160339	PTH1610 +GST					
<b>EDGE-ON #4</b>			PHB160X54		PHB160X55		PHB160X37		PHB160X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1190	PHB190154		PHB190155		PHB190137		PHB190139	PTH1910					
<b>C-SHANK #2</b>		16mm Straight Liquid	PHB190254	\$250	PHB190255	\$250	PHB190237	\$315	PHB190239	PTH1911					
<b>C-SHANK #3</b>			PHB190354	+GST	PHB190355	+GST	PHB190337	+GST	PHB190339	PTH1910 +GST					
<b>EDGE-ON #4</b>			PHB190X54		PHB190X55		PHB190X37		PHB190X39	CHECK W AGM					
<b>C-SHANK #1</b>		PT1130	PHB130154		PHB130155		PHB130137		PHB130139	PTH1310					
<b>C-SHANK #2</b>		16mm Winged	PHB130254	\$260	PHB130255	\$260	PHB130237	\$325	PHB130239	PTH1311					
<b>C-SHANK #3</b>			PHB130354	+GST	PHB130355	+GST	PHB130337	+GST	PHB130339	PTH1310 +GST					
<b>EDGE-ON #4</b>			PHB130X54		PHB130X55		PHB130X37		PHB130X39	CHECK W AGM					
<b>C-SHANK #1</b>	<b>NO POINT</b>		BRB0154		BRB0155		BRB0137		BRB0139	<b>*TO ADD "RED" SOFT POINT OPTION AS EXPLAINED ON P26 FOR PT1120 OR PT1160, ADD THE LETTER "R" TO END OF KIT PART #</b>					
<b>C-SHANK #2</b>	NT11 Boot & Bracket kits are designed to fit with NT11 Point & Holders but are adaptable to NT19 Adjusta-Points		BRB0254	\$120	BRB0255	\$120	BRB0237	\$185	BRB0239	BRB0339	\$230 +GST				
<b>C-SHANK #3</b>			BRB0354	+GST	BRB0355	+GST	BRB0337	+GST	BRB0339						
<b>EDGE-ON #4</b>			BRB0X54		BRB0X55		BRB0X37		BRB0X59						

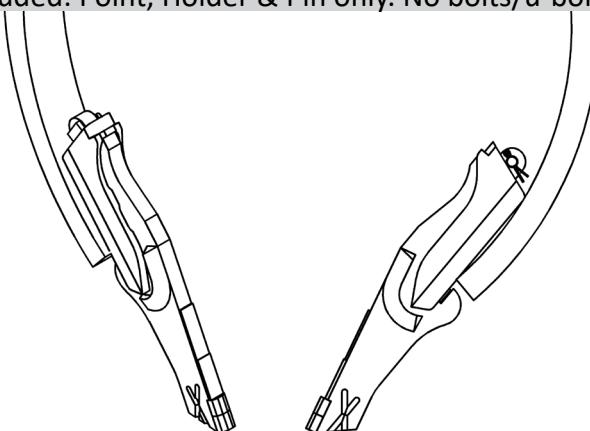
## NT11 FRONT OR BACK OF TYNE RIGID BOOT KITS

### NT11 POINT & HOLDER KITS (NO BOOT)

Included: Point, Holder & Pin only. No bolts/u-bolts.

**\$90 - \$140 +GST**

**SEE PAGES 29-30  
FOR POINT OPTIONS,  
PART #'S & PRICING**



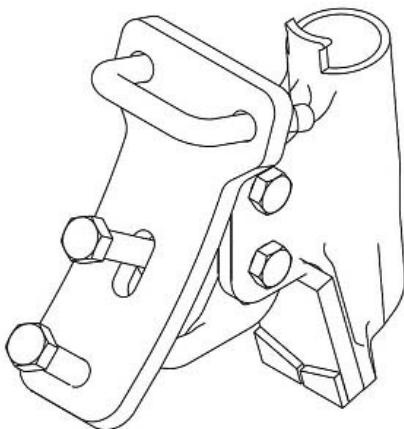
Tyne bolts to be ordered separately if required, as these vary depending on seeding boot type and machine/tyne specifications. Contact Agmaster if you require assistance.

### NT11 BOOT & BRACKET KITS (NO POINT)

Included: All parts pictured including fasteners.

**\$120 - \$230 +GST**

**SEE PAGES 29-30  
FOR BOOT OPTIONS,  
PART #'S & PRICING**

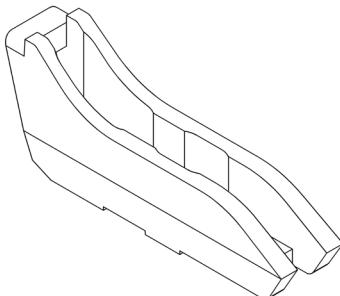


These assemblies suit the NT11 Points and Holders but can be adapted to suit NT19 Adjusta-Points & Holders if required. The range of NT11 Boots (pictured page 27 or 31) are available as a Boot & Bracket kit.

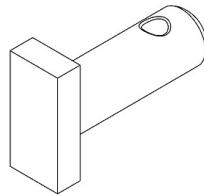
**FOR REPLACEMENT PARTS FOR THESE  
KITS PLEASE REFER TO PAGE 33**

## NT11 REPLACEMENT PARTS

### NT11 Point Holders & Retaining Pins



Fits NT11 Points (P32), NT11 Sweep Adaptors (P38) and NT09 Points (pg 40)



Holder for Points PT1120 – PT1190 and PT1962 – PT1964 as well as Sweep Adaptors

**HL1100** Point Holder  $\frac{1}{2}'' \times 1\frac{3}{4}''$  &  $2\frac{1}{4}''$  bolt centres

**Exc**      **Inc**

**\$20.00**    **\$22.00**

For tynes with either  $1\frac{3}{4}''$  (44.5mm) or  $2\frac{1}{4}''$  (57mm) bolt centres and  $\frac{1}{2}''$  holes

e.g. Flexicoil 350lb reamed out to  $\frac{1}{2}''$  holes, Morris 400lb, Bourgault, Ezee-on, Flexicoil 550lb, John Deere 1610/1830, Horwood Bagshaw, Gason Scari and similar

**HL1110** Point Holder  $7/16'' \times 1\frac{3}{4}''$  bolt centres (12mm x 44.5mm)

**\$20.00**    **\$22.00**

For Flexicoil 350lb, Gason 5100 2 bolt tyne and similar

**HLT1100** Includes HL1100 and Retainer Pin (TSP)

**\$21.00**    **\$23.10**

**HLT1110** Includes HL1110 and Retainer Pin (TSP)

**\$21.00**    **\$23.10**

**TSP** Pin 'T' Diameter 10mm + Pin Split 4 x 25mm

**\$1.50**    **\$1.65**

**TP1180** Pin 'T' Diameter 10mm

**\$1.40**    **\$1.54**

**PI425S** Pin Split 4 x 25mm

**\$0.20**    **\$0.22**

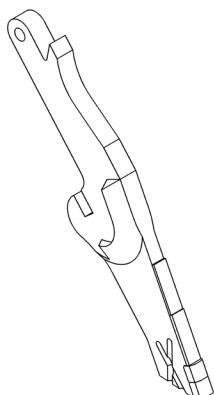
Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices. 31

## NT11 REPLACEMENT PARTS

### Points – Cast Mild Steel

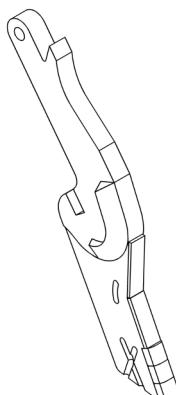
#### Standard Points (Non-Liquid)

**PT1120**



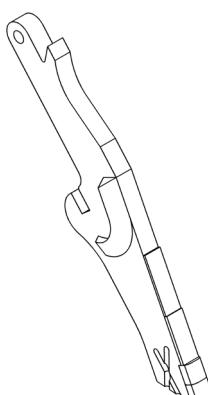
*NT11 Point  
12mm  
Standard  
(12)*

**PT1140**



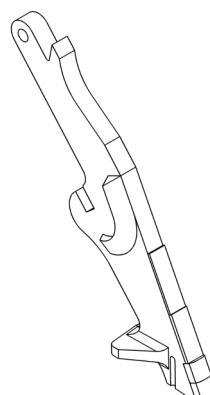
*NT11 Point  
14mm  
Lo-Thro  
(14)*

**PT1160**



*NT11 Point  
16mm  
Standard  
(16)*

**PT1130**

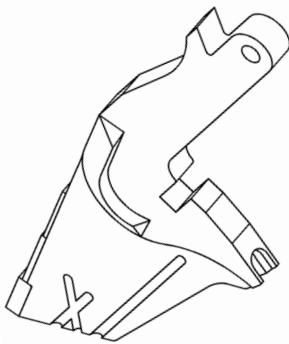


*NT11 Point  
16mm  
Winged  
(13)*

		<b>Exc</b>	<b>Inc</b>
<b>PT1120</b>	12mm Knife	\$ 70.00	\$ 77.00
<b>PT1120R</b>	12mm Knife – Red for rocky conditions	\$ 70.00	\$ 77.00
<b>PT1140</b>	14mm Lo Thro knife	\$ 80.00	\$ 88.00
<b>PT1160</b>	16mm Knife	\$ 80.00	\$ 88.00
<b>PT1160R</b>	16mm Knife – Red for rocky conditions	\$ 80.00	\$ 88.00
<b>PT1130</b>	16mm Winged	\$120.00	\$132.00

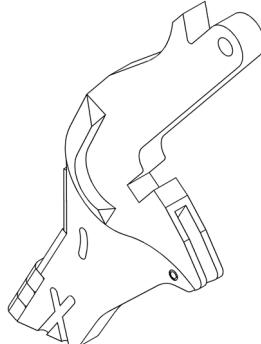
#### Liquid Fertiliser Points

**PT1150**



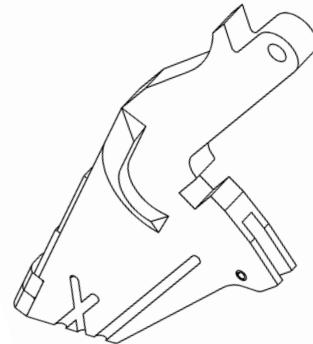
*NT11 Point  
12mm  
Liquid  
(15)*

**PT1170**



*NT11 Point  
14mm  
Lo-Thro Liquid  
(17)*

**PT1190**

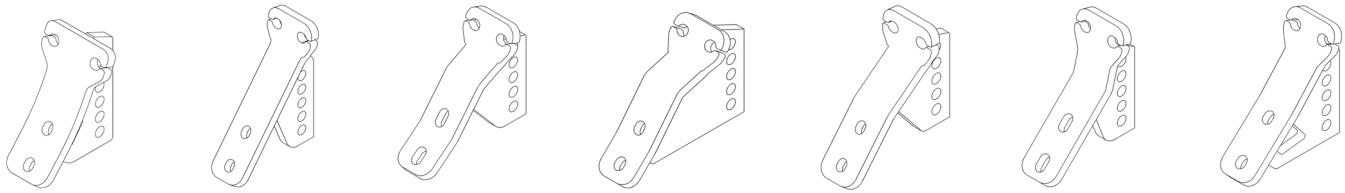


*NT11 Point  
16mm  
Liquid  
(19)*

		<b>Exc</b>	<b>Inc</b>
<b>PT1150</b>	12mm Liquid Fertiliser Point	\$100.00	\$110.00
<b>PT1170</b>	14mm Lo Thro Liquid Fertiliser Point	\$110.00	\$121.00
<b>PT1190</b>	16mm Liquid Fertiliser Point	\$110.00	\$121.00

**FOR REPLACEMENT POINT HOLDER FOR THESE POINTS PLEASE REFER TO PAGE 31**

## NT11 BRACKETS

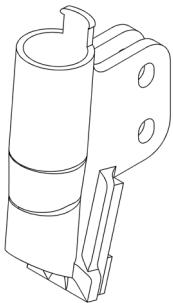


			Exc	Inc
<b>BR2010</b>	***	Bracket	\$ 55.00	\$ 60.50
<i>Flat C-Shank tynes with ½" x 1 ¾" e.g. Morris 400lb, Flexicoil 350lb, Bourgault, Ezee-On, Horwood Bagshaw C-Shank</i>				
<b>BR2030</b>	***	Bracket	\$ 55.00	\$ 60.50
<i>Flat C-Shank tynes with ½" x 2 ¼" bolt hole spacings e.g. Morris 650lb, Flexicoil 550/650lb, John Deere 1810-1830</i>				
<b>BR2040</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2050</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2060</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2070</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2080</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2090</b>	****	Bracket	\$ 55.00	\$ 60.50
<b>BR2110</b>	****	Bracket	\$ 55.00	\$ 60.50

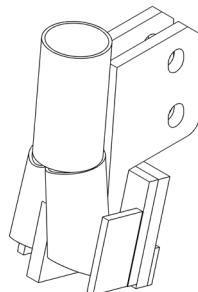
\*\*\* Uses UBN2001 - U-Bolt M12, 65 x 52, with Nuts & Washers

\*\*\*\* Uses UBN2002 - U-Bolt M12, 90 x 30, with Nuts & Washers

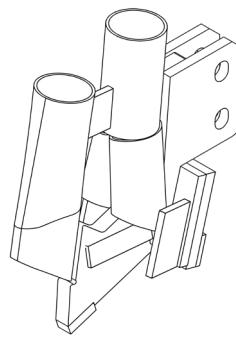
## NT11 REPLACEMENT BOOTS



**BT2540/BT2550**



**BT2370**



**BT2390**

**Wetter with Seed Option:** Provision for liquid/wetter with the seed now comes standard on Single-Shoot Boots BT2540 & BT2550.

		Exc	Inc
<b>BT2540</b>	40mm Closer Single System recommended for use with 12mm Point	\$ 60.00	\$ 66.00
<b>BT2550</b>	50mm Closer Single System recommended for use with 16mm Point	\$ 60.00	\$ 66.00
<b>BT2370</b>	65mm Closer with 'Y' Tube	\$125.00	\$137.50
<b>BT2380</b>	65mm Closer with Side-by-Side Tubes	\$125.00	\$137.50
<b>BT2390</b>	65mm Closer Split System with 'Y' seed spreader at front and fertiliser tube following	\$170.00	\$187.00
<b>BT2399</b>	Split Fert Knife Weld-on	\$ 23.00	\$ 25.30
<b>BT2398</b>	Split Boot Side Pipe Protectors hardfaced.	per set	\$ 10.00
<b>BNW122</b>	½" x 2" Bolt, Nut & Washer for securing boot to bracket (2 required per boot)	\$ 3.00	\$ 3.30

*FOR REPLACEMENT CLOSER PLATES FOR THESE BOOTS PLEASE REFER TO PAGE 41*

## NT11 POINT & FLEXIBOOT SEEDING KITS

**SUITS:** Double-bolt C-Shank tynes with (Examples listed on page 36)

\*Seven NT11 Point styles with a mixture of Straight or Lo-Thro profiles and Standard or Liquid options

\* Height-adjustable flexible boot made from hydraulic hose and inner spring \*Single or Dual Shoot

\*40mm or 50mm closer plate options (40mm is the standard recommendation)

\* Option for liquid in knife point slot (using modified liquid kit P37) \* Accessories such as Sweep

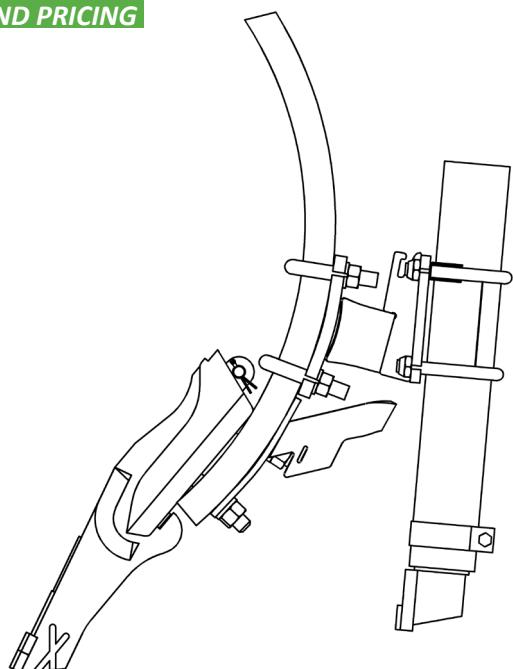
Adaptors & Trashguards available (P38)

### NT11 FLEXIBOOT

Included: All parts pictured, including fasteners.

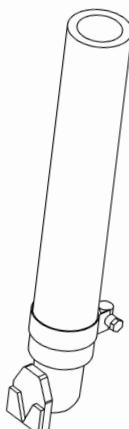
**\$290 - \$340 +GST**

**SEE PAGE 36  
FOR PART #'S  
AND PRICING**



#### BOOT OPTIONS

**FB2840**



Flexiboot with 40mm Closer  
**Recommended width**

**FB2850**



Flexiboot with 50mm Closer

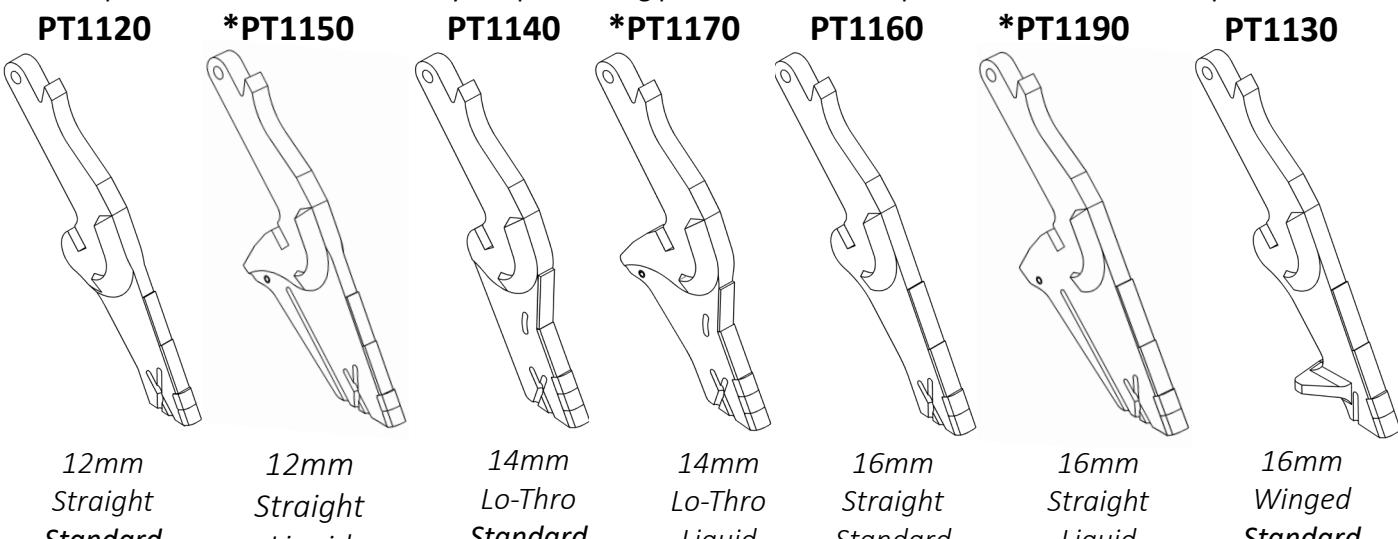
Pipe size of boots is 38 mm inside diameter.

#### POINT OPTIONS FOR NT11 FLEXI-BOOT KITS

\*Three widths; 12mm & 16mm Straight or 14mm Lo-Thro profiles \*16mm Winged option

\*Liquid or Standard available in all widths of the Straight & Lo-Thro profiles

\* **Soft Point Option:** A softer tip on the points for extremely rocky conditions is available for kits with PT1120 and PT1160 points. These are identified by the point being painted. There is no price difference for "Red" points.



**\* PLEASE NOTE:** Liquid point kits do not include parts for directing liquid to back of point. Our liquid kits have been designed for use with NT19/NT11 Rigid Boots but some users have modified them to suit Flexiboots in the past. See page 39 for liquid kits and contact Agmaster for more information if required.

## NT11 FRONT OR BACK OF TYNE FLEXIBOOT KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes (examples listed page 36)

\* Back-of-tyne assembly \*40mm or 50mm closer plate options (40mm is the standard recommendation)

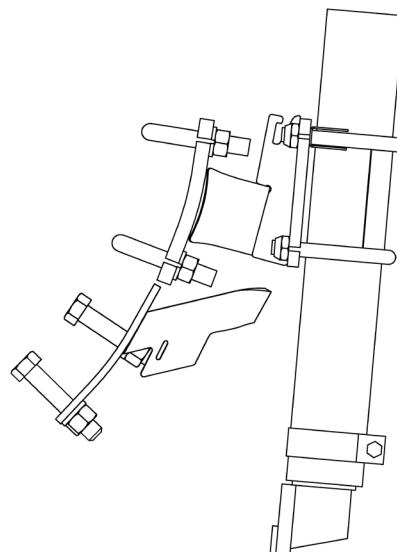
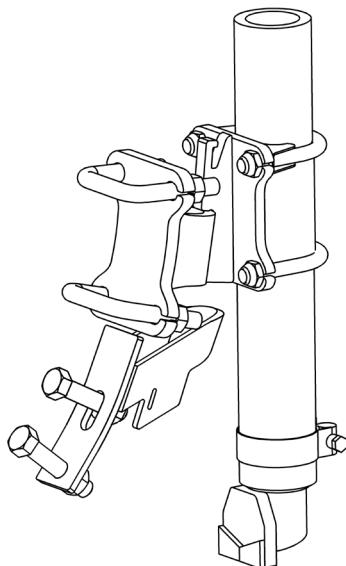
\* Height-adjustable flexible boot made from hydraulic hose and inner spring \*Single or Dual Shoot

### NT11 FLEXIBOOT & BRACKET KIT

Included: All parts pictured, including trashguard & fasteners.

**\$200 +GST**

**SEE PAGE 36 FOR  
PART #'S**



## NT11 FRONT OF TYNE KITS

**SUITS:** Double-bolt C-Shank and Edge-On tynes (examples listed page 36)

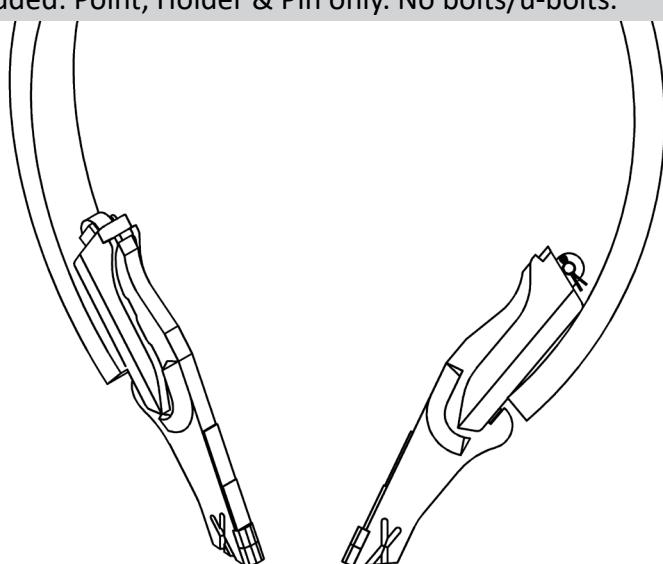
\* Front-of-tyne assembly \*Seven NT11 point options \*Compatible with full Agmaster Seeding Boot range

### NT11 POINT & HOLDER KITS (NO BOOT)

Included: Point, Holder & Pin only. No bolts/u-bolts.

**\$95 - \$140 +GST**

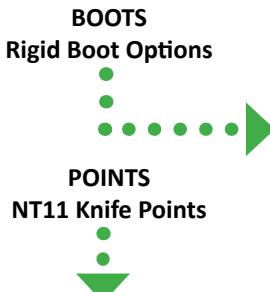
**SEE PAGES 34 & 36  
FOR POINT OPTIONS,  
PART #'S & PRICING**



Tyne bolts to be ordered separately if required, as these vary depending on seeding boot type and machine/tyne specifications. Contact Agmaster if you require assistance.

**SEE PAGES 31 - 32 FOR REPLACEMENT POINTS, HOLDERS & PINS**

## NT11 FLEXIBOOT SEEDING KITS PRICE & PART NUMBERS MATRIX

INSTRUCTIONS: 1. Identify "Tyne Class" relevant to your machine/tyne 2. Select Point from left column				3. Select boot/closer from top row 4. Find part number & price relevant to your tyne class where your point & boot choice intersect					
C-SHANK TYNE CLASS 1:	Standard C-Shank tynes with 1/2" bolt holes & 1 3/4" spacings Examples: Morris 400lb, Flexicoil 350lb (holes reamed to 1/2"), Bourgault, Ezee-On, Horwood Bagshaw C-Shank, Shearer								
C-SHANK TYNE CLASS 2:	Standard C-Shank tynes with 7/16" bolt holes & 1 3/4" spacings Example: Flexicoil 350lb (original un-reamed tyne bolt holes)								
C-SHANK TYNE CLASS 3:	Standard C-Shank tynes with 7/16" bolt holes & 2 1/4" spacings Examples: Morris 650lb/Hydraulic, John Deere 1810-1830, Flexicoil 550lb/650lb/Hydraulic								
EDGE-ON TYNE CLASS 4:	Edge-On tynes (wide foot with narrow shank) with 1/2" bolt holes Horwood Bagshaw ScariBar, Gason Scari/Hydra Till & Simplicity								
FOR TYNES NOT LISTED UNDER ANY OF THE FOUR CLASSIFICATIONS, PLEASE CONTACT AGMASTER									
	<b>FLEXIBOOT BOOT &amp; BRACKET</b>				<b>POINT &amp; HOLDER</b>				
	<b>FB2840</b> 40mm Closer (recommended)		<b>FB2850</b> 50mm Closer		<b>NO BOOT</b> NT19 Point & Holder Kits include pins but no bolts				
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1120</b> 12mm Straight Standard	<b>PHB127184</b> <b>PHB127284</b> <b>PHB127384</b> <b>PHB127484</b>	\$290 +GST	<b>PHB127185</b> <b>PHB127285</b> <b>PHB127385</b> <b>PHB127485</b>	\$290 +GST	<b>PTH1210</b> <b>PTH1211</b> <b>PTH1210</b> <b>PTH1210</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1150</b> 12mm Straight Liquid	<b>PHB157184</b> <b>PHB157284</b> <b>PHB157384</b> <b>PHB157484</b>	\$320 +GST	<b>PHB157185</b> <b>PHB157285</b> <b>PHB157385</b> <b>PHB157485</b>	\$320 +GST	<b>PTH1510</b> <b>PTH1511</b> <b>PTH1510</b> <b>PTH1510</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1140</b> 14mm Lo-Thro Standard	<b>PHB147184</b> <b>PHB147284</b> <b>PHB147384</b> <b>PHB147484</b>	\$300 +GST	<b>PHB147185</b> <b>PHB147285</b> <b>PHB147385</b> <b>PHB147485</b>	\$300 +GST	<b>PTH1410</b> <b>PTH1411</b> <b>PTH1410</b> <b>PTH1410</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1170</b> 14mm Lo-Thro Liquid	<b>PHB177184</b> <b>PHB177284</b> <b>PHB177384</b> <b>PHB177484</b>	\$330 +GST	<b>PHB177185</b> <b>PHB177285</b> <b>PHB177385</b> <b>PHB177485</b>	\$330 +GST	<b>PTH1710</b> <b>PTH1711</b> <b>PTH1710</b> <b>PTH1710</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1160</b> 16mm Straight Standard	<b>PHB167184</b> <b>PHB167284</b> <b>PHB167384</b> <b>PHB167484</b>	\$300 +GST	<b>PHB167185</b> <b>PHB167285</b> <b>PHB167385</b> <b>PHB167485</b>	\$300 +GST	<b>PTH1610</b> <b>PTH1611</b> <b>PTH1610</b> <b>PTH1610</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1190</b> 16mm Straight Liquid	<b>PHB197184</b> <b>PHB197284</b> <b>PHB197384</b> <b>PHB197484</b>	\$330 +GST	<b>PHB197185</b> <b>PHB197285</b> <b>PHB197385</b> <b>PHB197485</b>	\$330 +GST	<b>PTH1910</b> <b>PTH1911</b> <b>PTH1910</b> <b>PTH1910</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	 <b>PT1130</b> 16mm Winged	<b>PHB137184</b> <b>PHB137284</b> <b>PHB137384</b> <b>PHB137484</b>	\$340 +GST	<b>PHB137185</b> <b>PHB137285</b> <b>PHB137385</b> <b>PHB137485</b>	\$340 +GST	<b>PTH1310</b> <b>PTH1311</b> <b>PTH1310</b> <b>PTH1310</b>			
C-SHANK #1 C-SHANK #2 C-SHANK #3 EDGE-ON #4	NO POINT NT11 Flexiboot kits are designed to fit with NT11 Point & Holders but can be adapted to NT19 Adjusta-Points	<b>BRB7184</b> <b>BRB7284</b> <b>BRB7384</b> <b>BRB7484</b>	\$200 +GST	<b>BRB7185</b> <b>BRB7285</b> <b>BRB7385</b> <b>BRB7485</b>	\$200 +GST	*TO ADD "RED" SOFT POINT OPTION AS EXPLAINED ON P26 FOR PT1120 OR PT1160, ADD THE LETTER "R" TO END OF KIT PART #			

36 Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

## NT11 FLEXI BOOT REPLACEMENT PARTS

### Flexi Boots



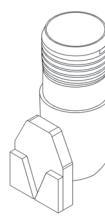
**FB2840**  
**FB2850**



**FB2870**



**HC52T**



**FB2834**  
**FB2835**



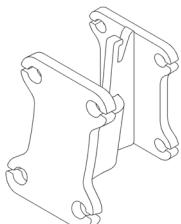
**CL2844**  
**CL2855**



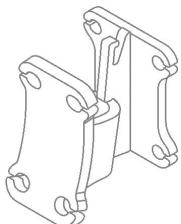
**SP2880**

		<b>Exc</b>	<b>Inc</b>
<b>FB2870</b>	Flexi Boot hose 340mm long	\$35.00	\$ 38.50
<b>HC52T</b>	Hose Clamp	\$ 5.00	\$ 5.50
<b>FB2840</b>	Flexi Boot 40mm Closer – Inc SP2880	\$95.00	\$104.50
<b>FB2850</b>	Flexi Boot 50mm Closer – Inc SP2880	\$95.00	\$104.50
<b>FB2834</b>	Hose Insert with 40mm Closer	\$50.00	\$ 55.00
<b>FB2835</b>	Hose Insert with 50mm Closer	\$50.00	\$ 55.00
<b>CL2844</b>	Closer Plate, weld-on, 40mm wide	\$25.00	\$ 27.50
<b>CL2845</b>	Closer Plate, weld-on, 50mm wide	\$25.00	\$ 27.50
<b>SP2880</b>	Spring Inner 200 x 37	\$10.00	\$ 11.00

### Flexi Boot Brackets



**FB2710**



**FB2740**



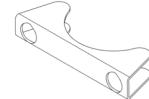
**FBH2800**



**HC2145**



**FB2810**



**FB2820**

		<b>Exc</b>	<b>Inc</b>
<b>FB2710</b>	*** Suits two bolt flat tynes	\$65.00	\$71.50
<b>FB2740</b>	**** Suits two bolt edge-on tynes	\$65.00	\$71.50
<b>FBH2800</b>	Hose support bracket with hose clamp (HC2145)	\$20.00	\$22.00
<b>HC2145</b>	Hose Clamp 21-45mm (for fertiliser tube)	\$ 3.00	\$ 3.30
<b>FB2810</b>	Support Saddle	\$ 5.00	\$ 5.50
<b>FB2820</b>	Grip Clamp	\$ 5.00	\$ 5.50
<b>UBN2007</b>	M10 U-Bolt to clamp hose to bracket	\$ 5.00	\$ 5.50

\*\*\* Uses UBN2001 – U-Bolt M12, 65 x 52, with Nuts & Washers

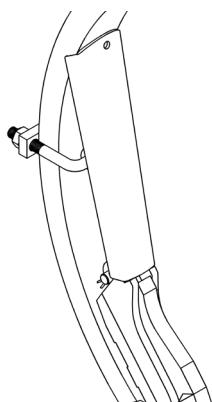
\*\*\*\* Uses UBN2002 – U-Bolt M12, 90 x 30, with Nuts & Washers

**FOR REPLACEMENT POINTS & HOLDERS PLEASE REFER TO PAGES 31-32**

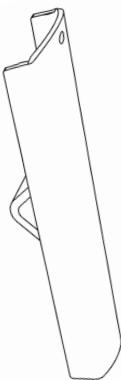
## NT11 OPTIONAL EXTRAS

### Trashguard Kits & Parts

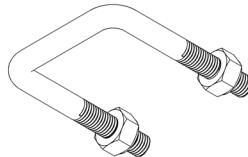
Will only fit up to NT11 series holders and PT1580 Bolt on Points on double hole tynes



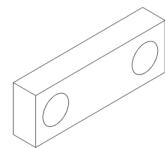
**TGU1170**  
**TGU1177**



**TG1170**



**UBN1003**  
**UBN1004**



**TG1173**  
**TG1175**

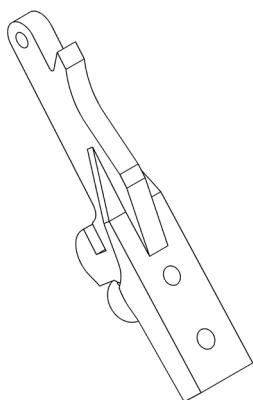
		<b>Exc</b>	<b>Inc</b>
<b>TGU1170</b>	Trashguard, U-Bolt and Lug Kit – Flat-on Tynes	\$38.00	\$41.80
<b>TGU1177</b>	Trashguard, U-Bolt and Lug Kit– Edge-on Tynes	\$38.00	\$41.80

**PLEASE NOTE:** These Trashguards do not fit the Gason Hydratill Edge-On tyne. Agmaster suggests ordering a sample to see if any modifications can be made to make it fit this tyne before a full set is ordered.

<b>TG1170</b>	NT11 Trashguard	\$28.00	\$30.80
<b>UBN1003</b>	U Bolt M10 75 x 52 with nuts – for Flat on Tynes	\$ 5.00	\$ 5.50
<b>UBN1004</b>	U Bolt M10 110 x 30 with nuts – for Edge on Tynes	\$ 5.00	\$ 5.50
<b>TG1175</b>	U Bolt Lug to suit UB1003	\$ 5.00	\$ 5.50
<b>TG1173</b>	U Bolt Lug to suit UB1004	\$ 5.00	\$ 5.50

### Sweep Adaptors

Uses retaining pin to secure into Point Holder (page 40)

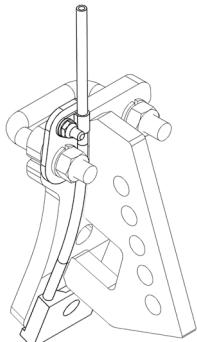


		<b>Exc</b>	<b>Inc</b>
<b>SW1210</b>	Sweep Adaptor $\frac{1}{2}'' \times 1\frac{3}{4}''$ bolt centre (12.7mm x 44.5mm)	\$30.00	\$33.00
<b>SW1220</b>	Sweep Adaptor $\frac{1}{2}'' \times 2\frac{1}{4}''$ bolt centre (12.7mm x 57mm)	\$30.00	\$33.00
<b>SW1270</b>	Sweep Adaptor $7/16'' \times 1\frac{3}{4}''$ bolt centre (11.5mm x 44.5mm)	\$30.00	\$33.00

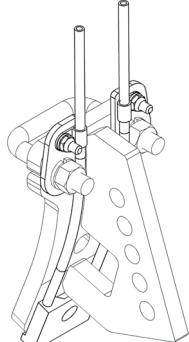
Depending on Point or Wedge thickness, 2 different length plough bolts are required (Agmaster does not supply)  
Sweep adaptor thickness is ~55mm and ~26mm around the bolt holes

## NT11 Liquid Kits

Liquid Kits piggy back the bracket of the NT11 Rigid Boot & Bracket Kits



LIQUID KIT SINGLE



LIQUID KIT DOUBLE

	Exc	Inc
Liquid Kit – Single	\$35.00	\$38.50
Liquid Kit – Double	\$52.00	\$57.20

**LFK51** NT19/NT11 Liquid Fertiliser Kit – Single to take flexible 3mm tube with 6mm casing

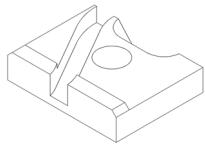
**LFK52** NT19/NT11 Liquid Fertiliser Kit – Double to take flexible 3mm tube with 6mm casing

**LFK53** NT19/NT11 Liquid Fertiliser Kit – Single to take 4-6mm flexible tube with 10mm casing

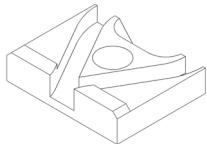
**LFK54** NT19/NT11 Liquid Fertiliser Kit – Double to take 4-6mm flexible tube with 10mm casing

**PLEASE NOTE:** Our liquid kits have been designed for use with NT19/NT11 Rigid Boots but some users have modified them to suit Flexi-Boots in the past. **Contact Agmaster for more information if required.**

## NT11 Liquid Kit Parts



**LF2510**  
**LF2530**



**LF2520**  
**LF2540**



**LF2550**



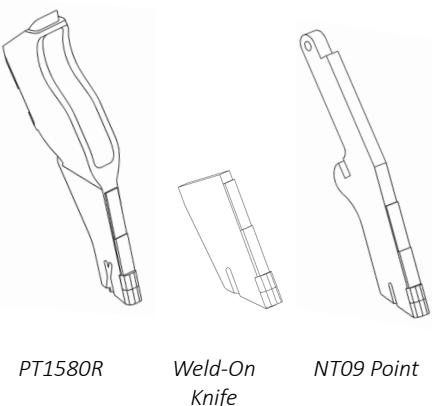
**LF2570**  
**LF2580**



**PC6S**  
**PC10S**

		Exc	Inc
<b>LF2510</b>	Liquid Fertiliser Clamp Plate – Single – suit 3mm tube/6mm casing	\$20.00	\$22.00
<b>LF2520</b>	Liquid Fertiliser Clamp Plate – Double – suit 3mm tube/6mm casing	\$22.00	\$24.20
<b>LF2530</b>	Liquid Fertiliser Clamp Plate – Single – suit 4-6mm tube/10mm casing	\$20.00	\$22.00
<b>LF2540</b>	Liquid Fertiliser Clamp Plate – Double – suit 4-6mm tube/10mm casing	\$22.00	\$24.20
<b>LF2550</b>	Liquid Fertiliser ‘P’ Clamp Lug	\$ 6.00	\$ 6.60
<b>LF2570</b>	Liquid Fertiliser casing 6mm Shaped – to suit 3mm tube	\$ 7.00	\$ 7.70
<b>LF2580</b>	Liquid Fertiliser casing 10mm Shaped – to suit 4-6mm tube	\$ 7.00	\$ 7.70
<b>PC6S</b>	P Clamp 6mm Stainless Steel	\$ 2.00	\$ 2.20
<b>PC10S</b>	P Clamp 10mm Stainless Steel	\$ 2.00	\$ 2.20
<b>BON6M16S</b>	Bolt 6mm x 16mm Stainless Steel and Nyloc Nut	\$ 0.70	\$ 0.77

## NT05 & NT09 Points



	Exc	Inc
<b>NT09 Series – Cut From Plate. Fits NT11 Holder</b>		
<b>PT1962</b> - 16mm thick, 30mm shorter	\$ 85.00	\$ 93.50
<b>PT1963</b> - 16mm thick, 20mm longer <i>(obsolete when stock exhausted)</i>	\$100.00	\$110.00
<b>PT1964</b> - 16mm thick, 40mm longer	\$105.00	\$115.50
<b>Weld-on Knives - For Self-Repair of NT09 Series Points</b>		
<b>PT1930</b> Weld On 12mm	\$ 55.00	\$ 60.50
<b>PT1940</b> Weld On 16mm	\$ 65.00	\$ 71.50

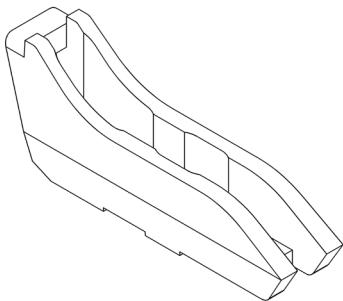
### NT05 Series – 16mm Points - Double Hole Bolt on points

	Exc	Inc
<b>PT1580R</b> *** or **** To suit all tynes with $\frac{1}{2}$ " holes (only available in Red Soft Tip)	\$110.00	\$121.00

\*\*\* Uses  $\frac{1}{2}$ " x 3" Bolt & Nut (Part No. BNW123) through the tyne

\*\*\*\* Uses  $\frac{1}{2}$ " x  $2\frac{1}{2}$ " Bolt & Nut (Part No BNW12212) through the tyne

## Point Holders



	Exc	Inc
<b>HL1100</b>	\$20.00	\$22.00
<b>HL1110</b>	\$20.00	\$22.00
<b>HLT1100</b>	\$21.00	\$23.10
<b>HLT1110</b>	\$21.00	\$23.10

### Holder for Points PT1120 – PT1190 and PT1962 – PT1964 as well as Sweep Adaptors

#### **HL1100**

Point Holder  $\frac{1}{2}$ " x  $1\frac{3}{4}$ " &  $2\frac{1}{4}$ " bolt centres

For tynes with either  $1\frac{3}{4}$ " (44.5mm) or  $2\frac{1}{4}$ " (57mm) bolt centres and  $\frac{1}{2}$ " holes

e.g. Flexicoil 350lb reamed out to  $\frac{1}{2}$ " holes, Morris 400lb, Bourgault, Ezee-On, Flexicoil 550lb, John Deere, John Shearer, Horwood Bagshaw, Gason Scari and similar

#### **HL1110**

Point Holder  $7/16$ " x  $1\frac{3}{4}$ " bolt centres (12mm x 44.5mm)

For Flexicoil 350lb, Gason 5100 2 bolt tyne and similar

#### **HLT1100**

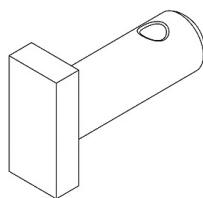
Includes HL1100 and Retainer Pin (TSP)

#### **HLT1110**

Includes HL1110 and Retainer Pin (TSP)

## Retainer Pins

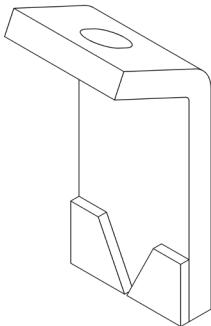
Fit series NT09 & NT11 Points & Sweep Adaptors



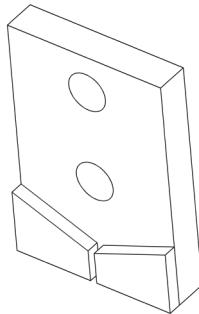
	Exc	Inc
<b>TSP</b> Pin 'T' Diameter 10mm + Pin Split 4 x 25mm	\$1.50	\$1.65
<b>TP1180</b> Pin 'T' Diameter 10mm	\$1.40	\$1.54
<b>PI425S</b> Pin Split 4 x 25mm	\$0.20	\$0.22

## REPLACEMENT CLOSER PLATES

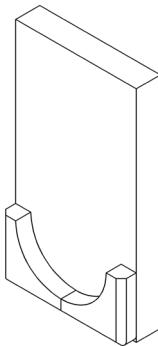
All closers have tungsten carbide corners unless noted 'hard face weld'.



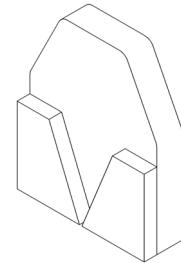
**NT03 40mm**



**NT07 Series**



**NT19/NT11/09/08  
Rigid Boots**



**Flexi Boots**

**NT03 Series**

		<b>Exc</b>	<b>Inc</b>
<b>CL2440</b>	40mm wide ( <i>obsolete when stock exhausted</i> )	\$25.00	\$27.50

**NT07 Series**

<b>CL2474</b>	40mm wide ( <i>obsolete when stock exhausted</i> )	\$25.00	\$27.50
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**NT 11/09/08 Series – Weld on**

<b>CL2494*</b>	40mm wide	\$25.00	\$27.50
<b>CL2494HF*</b>	40mm wide with hard face weld	\$18.00	\$19.80
<b>CL2495*</b>	50mm wide	\$25.00	\$27.50
<b>CL2495HF*</b>	50mm wide with hard face weld	\$18.00	\$19.80
<b>CL2496</b>	65mm wide	\$28.00	\$30.80
<b>CL2496HF</b>	65mm wide with hard face weld	\$21.00	\$23.10

*\*If welding closers to Cast Boot BT2540/50 recommend to use Stainless electrode Gr 309*

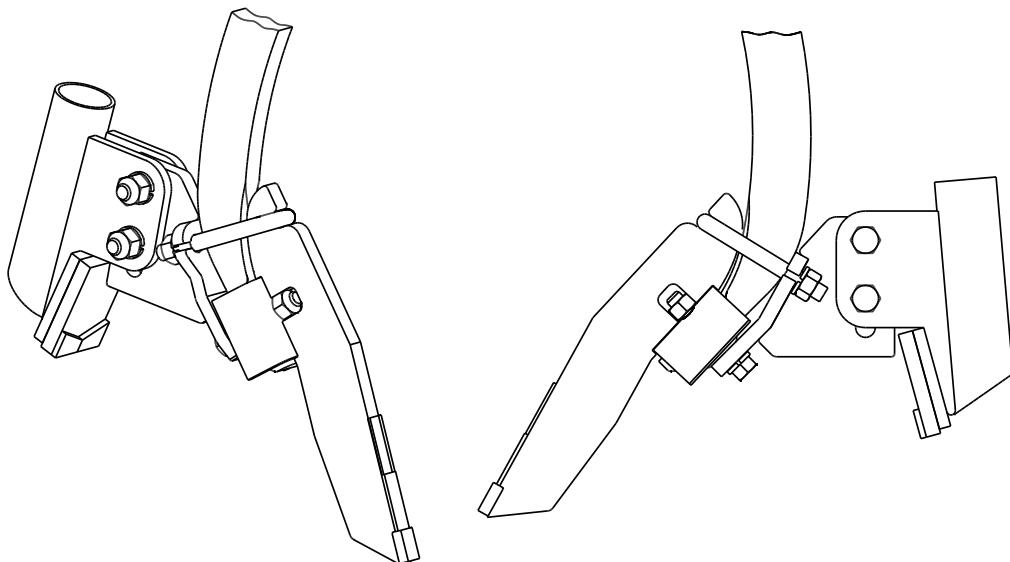
**Flexi Boots – Weld on**

<b>CL2844</b>	40mm wide	\$25.00	\$27.50
<b>CL2845</b>	50mm wide	\$25.00	\$27.50



## NT08 POINT & BOOT KITS

NT08 series Kits are for Single Bolt tynes and include Point, Boot, Bracket, Bolt & Nuts. These Kits are standard with 12mm Point and 40mm Closer Plate on Single System Boot but has the option of other Boots. (See Page 45)



### Prices NT08 Point & Boot Kit

	Exc	Incl
Standard Kit	\$190.00	\$209.10

Contact Agmaster to order kits with alternative boot option to standard BT2540 Single Shoot w 40mm closer

PBB812154 # NT08 Alfarm 530/630, Napier Grasslands; 40mm Boot

PBB822254 # NT08 Forward/Chamberlain 275 / 746/ 753 / 853; 40mm Boot

PBB842454 # NT08 Shearer 580 / 620; 40mm Boot

PBB862654 # NT08 Forward / John Deere / International Scarifier, Chamberlain Terramaster; 40mm Boot

For tynes not listed above, contact Agmaster.

**# Soft Tip Option:** A softer tip on the point for extremely rocky conditions is available for NT08 Kits identified above with #. These are identified by the point being painted Red. To order this option an "R" needs to be added to the part number. There is no price difference for "Red" points.

**Example:** A NT08 Chamberlain 753 Kit with soft (red) points will be **PBB822234R**

## NT08 BOOT & BRACKET KIT (NO POINT)

Suitable for NT03/NT08 series Agmaster Points. These assemblies include Bracket, Boot, U-bolt around tyne and all bolts and nuts.

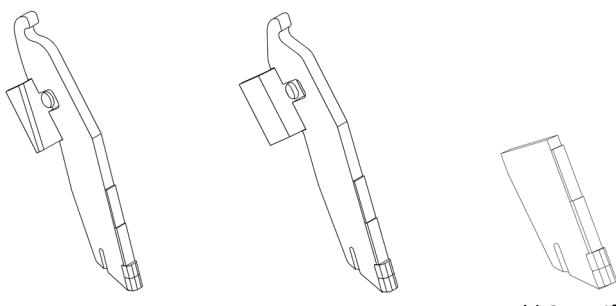
For Part No. change above kit prefix to BRB and remove first 2 numbers i.e. Boot & Bracket Kit for Shearer 580/620 would be: **BRB2454**                      Price \$115.00 exc                      \$126.50 inc

FOR REPLACEMENT PARTS FOR THESE KITS PLEASE REFER TO PAGES 44-45

## NT08 SEEDING KIT REPLACEMENT PARTS

### Points (Fabricated)

NT08 Series – 12mm Points - Uses M12 U-Bolt to secure top of point



*Weld On Knife*

			<b>Exc</b>	<b>Inc</b>
<b>PT1810</b>	# *	Alfarm 530 / 630, Napier Grasslands	\$ 75.00	\$ 82.50
<b>PT1820</b>	# *	Forward/Chamberlain 275 / 753 / 746 / 853	\$ 75.00	\$ 82.50
<b>PT1830</b>	*	Gason Round Shoe ( <i>Obsolete after stock exhausted</i> )	\$ 75.00	\$ 82.50
<b>PT1840</b>	# *	Shearer 580 / 620	\$ 75.00	\$ 82.50
<b>PT1850</b>	**	Connershea Scari ( <i>Obsolete after stock exhausted</i> )	\$ 75.00	\$ 82.50
<b>PT1860</b>	# **	John Deere / International Scari / Chamberlain Terramaster	\$ 75.00	\$ 82.50
<b>PT1865</b>	# **	John Deere / International Scari / Chamberlain Terramaster - 16mm	\$ 90.00	\$ 99.00
<b>PT1890</b>	# ***	HBSTM 16mm ( <i>Obsolete after stock exhausted</i> )	\$115.00	\$126.50
<b>PT1930</b>	#	Weld On 12mm knife for self-repair	\$ 55.00	\$ 60.50

### Bolts & U-bolts:

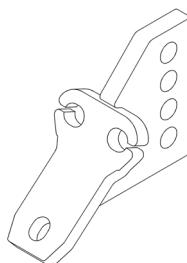
\* Uses  $\frac{7}{16}$ " x  $2\frac{1}{2}$ " Bolt & Nut (Part # BNW716212) through the tyne + 1x U-bolt & Nuts (Part # UBN2004)

\*\* Uses  $\frac{1}{2}$ " x  $2\frac{1}{4}$ " Bolt & Nut (Part No. BNW12214) through the tyne + 1x U-bolt & Nuts (Part # UBN2003)

\*\*\* Uses  $9/16$ " x 3" Bolt & Nut through the tyne (Agmaster does not stock)

# **Soft Tip Option:** A softer tip on the point for extremely rocky conditions is available for NT08 points identified above with #. These are identified by the point being painted **Red**. To order this option an "R" needs to be added to the part number. There is no price difference for "Red" points.

### Brackets



**BR2210 – BR2270**

			<b>Exc</b>	<b>Inc</b>
<b>BR2210</b>	*	Bracket	\$ 50.00	\$ 55.00
<b>BR2220</b>	*	Bracket	\$ 50.00	\$ 55.00
<b>BR2240</b>	*	Bracket	\$ 50.00	\$ 55.00
<b>BR2250</b>	**	Bracket	\$ 50.00	\$ 55.00
<b>BR2260</b>	**	Bracket	\$ 50.00	\$ 55.00
<b>BR2270</b>	**	Bracket	\$ 50.00	\$ 55.00

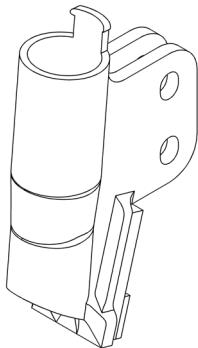
### Bolts & U-bolts:

\* Uses  $\frac{7}{16}$ " x  $2\frac{1}{2}$ " Bolt & Nut (Part # BNW716212) through the tyne + 1x U-bolt & Nuts (Part # UBN2004)

\*\* Uses  $\frac{1}{2}$ " x  $2\frac{1}{4}$ " Bolt & Nut (Part No. BNW12214) through the tyne + 1x U-bolt & Nuts (Part # UBN2003)

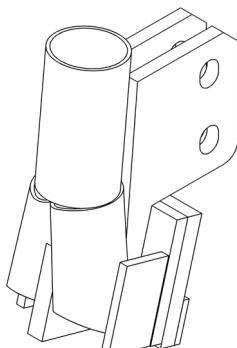
## Replacement Boots

**BT2540/BT2550**



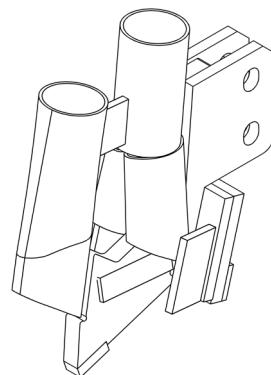
*Standard Single-Shoot Boot  
40 or 50mm Closer*

**BT2370**



*"Y" Tube Single-Shoot Boot  
65mm Closer*

**BT2390**



*Dual Shoot Boot  
65mm Closer*

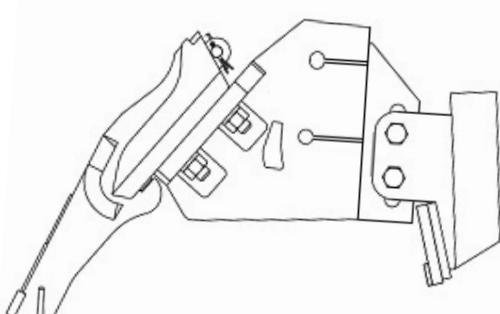
**Wetter with Seed Option:** Provision for liquid/wetter with the seed now comes standard on Single-Shoot Boots BT2540 & BT2550.

		Exc	Inc
<b>BT2540</b>	40mm Closer Single System recommended for use with 12mm Point	\$ 60.00	\$ 66.00
<b>BT2550</b>	50mm Closer Single System recommended for use with 16mm Point	\$ 60.00	\$ 66.00
<b>BT2370</b>	65mm Closer with 'Y' Tube	\$125.00	\$137.50
<b>BT2380</b>	65mm Closer with Side-by-Side Tubes	\$125.00	\$137.50
<b>BT2390</b>	65mm Closer Split System with 'Y' seed spreader at front and fertiliser tube following	\$170.00	\$187.00
<b>BT2399</b>	Split Fert Knife Weld-on	\$ 23.00	\$ 25.30
<b>BT2398</b>	Split Boot Side Pipe Protectors hardfaced.	per set	\$ 10.00
<b>BNW122</b>	½" x 2" Bolt, Nut & Washer for securing boot to bracket (2 required per boot)	\$ 3.00	\$ 3.30

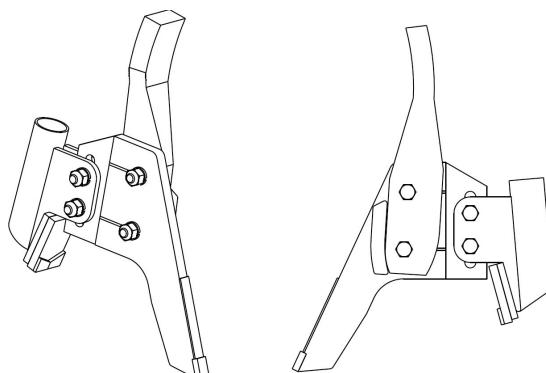
## CONCORD POINT & BOOT KITS

There are two options of kits for Concord Side-Mounted tyne:

The NT11 Converter Kit uses a bracket to allow NT11 points & boots to be mounted to it. This allows for a variety of NT11 slip-on points as options as well as NT11 boots. The NT05 Bolt-On kit has a 16mm single piece bolt-on point that is fixed directly to the tyne. An NT11 boot is then bolted to the back of the point.



NT11 Concorde Converter Kit



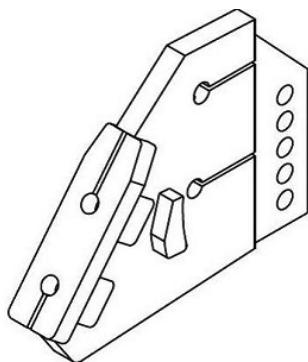
NT05 Bolt-On Kit

		Exc	Inc
<b>PHB161655</b>	NT11 16mm Concorde Converter Kit with 50mm Closer	\$260.00	\$286.00
<b>PTB5655</b>	NT05 16mm point, Concorde Bolt on Kit with 50mm Closer	\$195.00	\$214.50

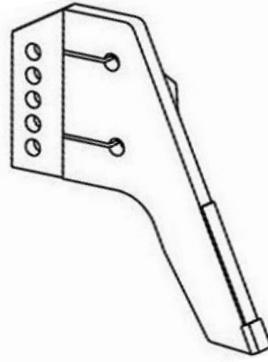
**Soft Point Option:** A softer tip on the points for extremely rocky conditions is available. These are identified by the point being painted **Red**. To order this option an "R" needs to be added to the part number.

Contact Agmaster to order kits with alternative boot option to standard  
BT2550 Single Shoot w 50mm closer

### Replacement Parts for Concorde Point & Boot Kits



**BR2160**



**PT1560**

		Exc	Inc
<b>BR2160</b>	Bracket Concorde Converter to NT11	\$100.00	\$110.00
<b>PT1560</b> **	NT05 Point Concorde Side Mount	\$135.00	\$148.50

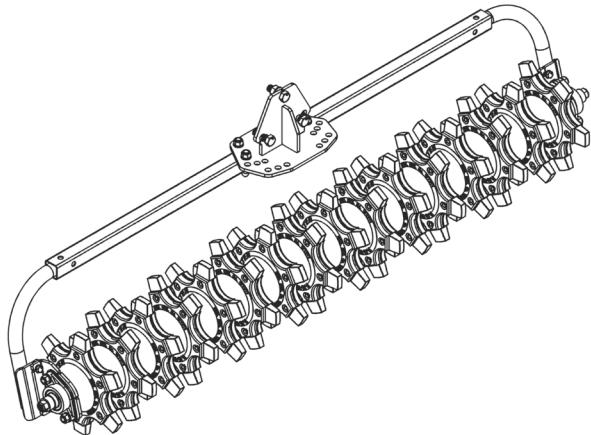
\*\* Uses  $\frac{1}{2}$ " x  $2\frac{1}{4}$ " Bolt & Nut (Part No. BNW12214 ) through the tyne

**FOR REPLACEMENT POINTS, HOLDERS & BOOTS FOR NT11 KITS PLEASE REFER TO PAGES 31 - 33**

## HARROWS

### Star Harrow Gangs

The Rotary Star Harrows are available in 4ft, 5ft and 6ft coverage gangs. Each gang will cover its respective width at the maximum working angle (30°). In general, most harrows are set in mid range of adjustment for angle, hence there is usually ample to suit the required width of cover. 4ft and 5ft Gangs give a more even finish and 6ft gangs are recommended to be used only if necessary.

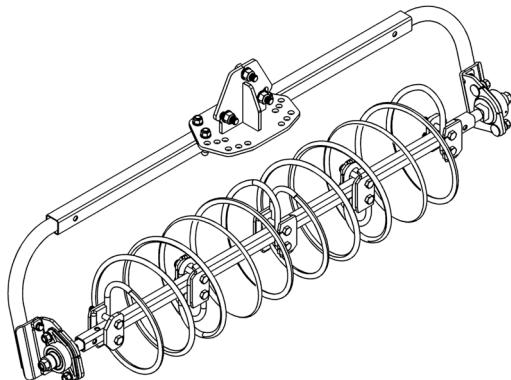


		Exc	Inc
HAT24	4ft Gang (HA3240 – 10 Stars) with Turntable	\$1600.00	\$1760.00
HAT25	5ft Gang (HA3250 – 13 Stars) with Turntable	\$1800.00	\$1980.00
HAT26	6ft Gang (HA3260 – 16 Stars) with Turntable	\$2000.00	\$2200.00

Order TAS-- Arms with these Harrows (page 48)

### Coil Harrow Gangs

Coil Harrows are available in 4ft and 5ft coverage gangs



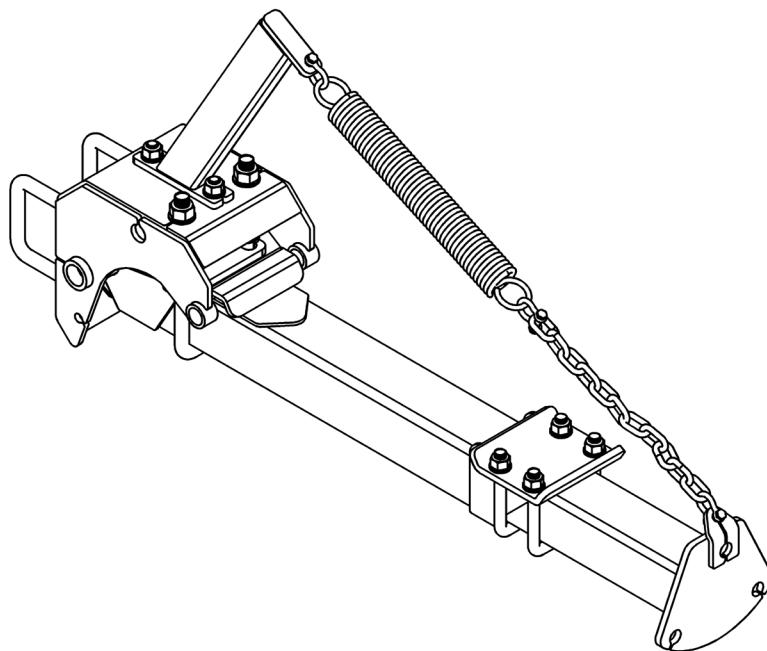
HAT74	4ft Gang (HA3740 – 3 springs) with Turntable	\$1450.00	\$1595.00
HAT75	5ft Gang (HA3750 – 4 springs) with Turntable	\$1650.00	\$1815.00

Order TAH-- Arms with these Harrows (page 48)

**FOR REPLACEMENT PARTS FOR THESE GANGS PLEASE REFER TO PAGES 49 - 51**

## TELESCOPIC MOUNTING ARMS

Telescopic Harrow Arms come complete with spring kit on the top, bolts, nuts and backing plates to mount on the machine frame. One Arm required for each Harrow Gang.



Tele Arms to suit Star Harrows		Exc	Inc
TAS04	Telescopic Arm Kit to suit 100 x 100mm frame	\$1100.00	\$1210.00
TAS05	Telescopic Arm Kit to suit 75 x 75mm frame	\$1100.00	\$1210.00
TAS08	Telescopic Arm Kit to suit 75 x 75mm diamond frame (Shearer)	\$1100.00	\$1210.00
TAS00	Telescopic Arm Kit to bolt on behind Agmaster fixed extensions for Presswheels	\$1100.00	\$1210.00

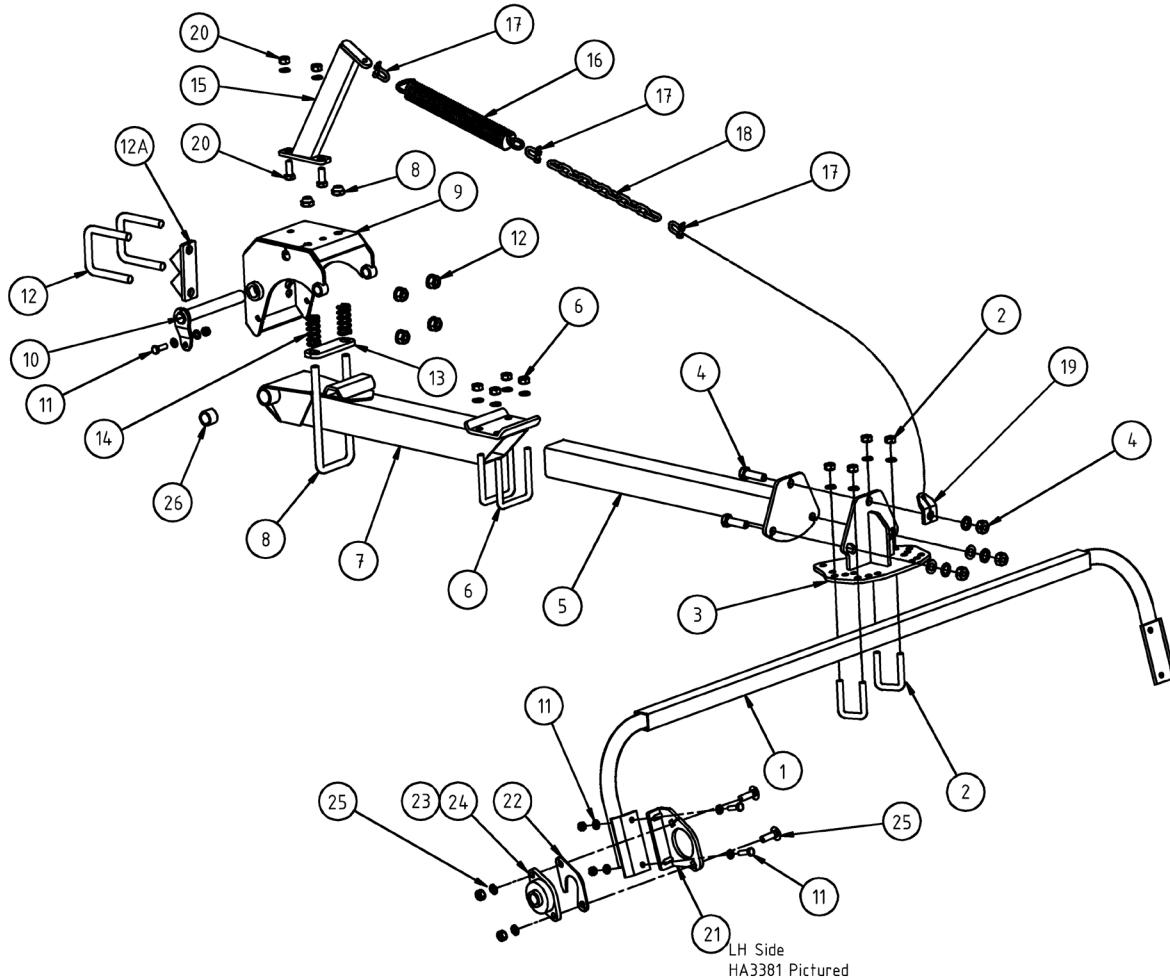
**Tele Arms to suit Coil Harrows** - comes with stronger spring for heavier coil gangs

TAH04	Telescopic Arm Kit to suit 100 x 100mm frame	\$1100.00	\$1210.00
TAH05	Telescopic Arm Kit to suit 75 x 75mm frame	\$1100.00	\$1210.00
TAH08	Telescopic Arm Kit to suit 75 x 75mm diamond frame (Shearer)	\$1100.00	\$1210.00
TAH00	Telescopic Arm Kit to bolt on behind Agmaster fixed extensions for Presswheels	\$1100.00	\$1210.00

**FOR REPLACEMENT PARTS FOR THESE ARMS PLEASE REFER TO PAGES 49 - 50**

## HARROW COMPONENTS

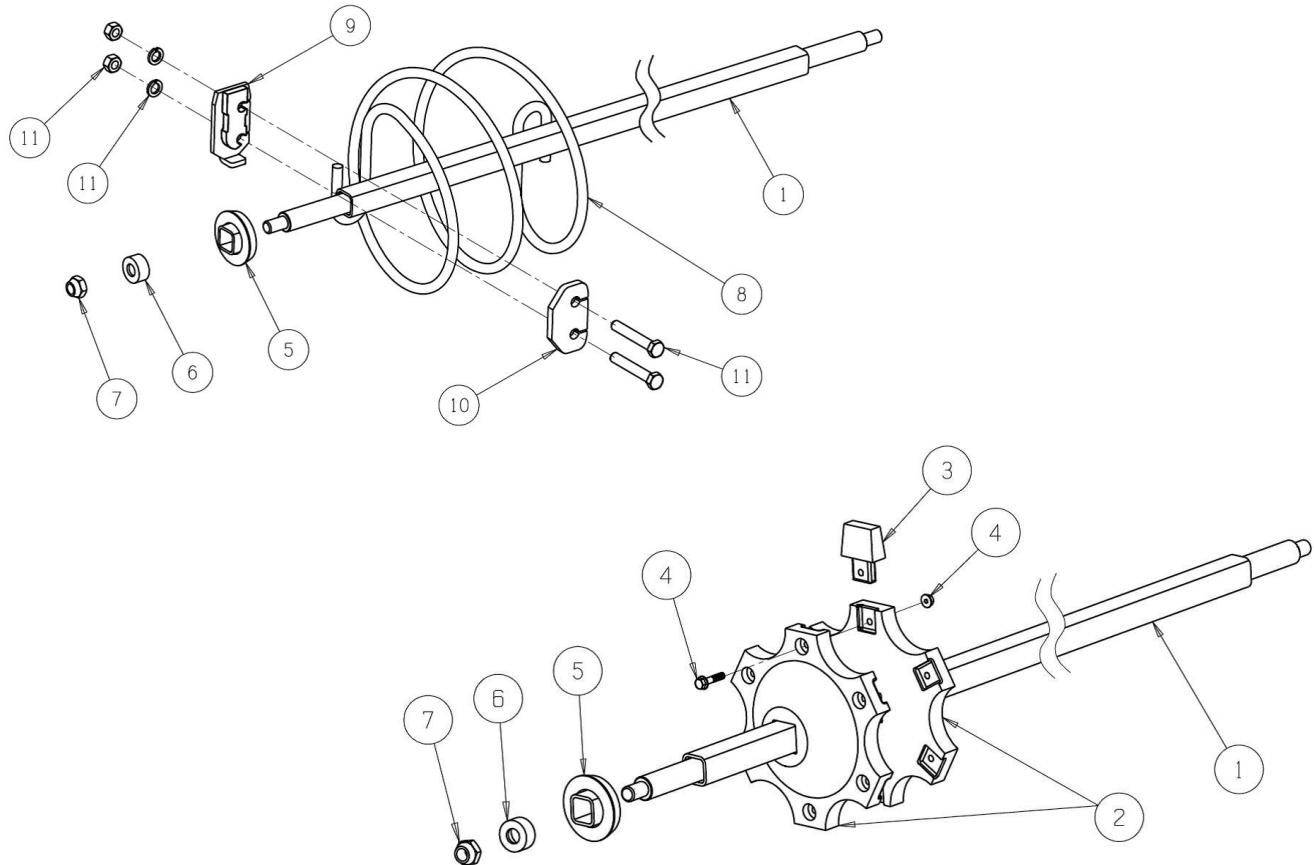
### TELE ARMS/TURNTABLE/GANG FRAME



Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	HA3340	4' U Frame	1		\$210.00	\$231.00
	HA3350	5' U Frame	1		\$230.00	\$253.00
	HA3360	6' U Frame	1		\$250.00	\$275.00
2	UBN3003	U Bolt – M16, Nut & Washer	2		\$ 15.00	\$ 16.50
3	HA3310	Turntable	1		\$150.00	\$165.00
4	BNW20M60	Bolt – M20 x 60, Nut & Washer	3		\$ 6.00	\$ 6.60
5	TA3130	Inner Arm	1		\$150.00	\$165.00
6	UBN3002	U Bolt – M16, Nut & Washer	2		\$ 20.00	\$ 22.00
7	TA3120	Outer Arm	1		\$360.00	\$396.00
8	UBN3001	U Bolt – M20, Nut & Washer	1		\$ 35.00	\$ 38.50
9	HS3030	Headstock	1		\$300.00	\$330.00
10	HS3040	Pivot Pin	1		\$ 40.00	\$ 44.00
11	BNW12M40	Bolt – M12 x 40, Nut & Washer	5		\$ 2.00	\$ 2.20
12	UBN3004	UBolt M20 – Supersedes HS3060	2	For 100 mm Square RHS	\$ 25.00	\$ 27.50
	BNW20M120	Bolt – M20 x 120, Nut & Washer	4	For 75 mm Square RHS	\$ 10.00	\$ 11.00
	VBN3006	U-Bolt M20 x 140 x 122 ctr	2	Used with RHS Set on diagonal	\$ 25.00	\$ 27.50
12a	HS3070	Clamp Plate with BNW20M120	2	For 75mm Square RHS	\$ 13.00	\$ 14.30
	HS3080	Clamp Plate used with UB3006	2	Used with RHS set on diagonal	\$ 20.00	\$ 22.00
13	HS3090	Spring Plate	1	(Not used on Combines)	\$ 15.00	\$ 16.50
14	SP3011	Spring	2	(Not used on Combines)	\$ 5.00	\$ 5.50

Ref	Part No.	Description	Qty	Remarks	Exc	Inc
15	HK3610	Spring Arm	1		\$ 70.00	\$ 77.00
16	SP3012	Spring 350 long	1		\$ 30.00	\$ 33.00
	SP3013	Spring 460 long for Coil Harrows	1		\$ 40.00	\$ 44.00
17	SH10D	Shackle	3		\$ 3.00	\$ 3.30
18	CH8X500	Chain 500mm long	1		\$ 10.00	\$ 11.00
19	HK3620	Lifting Lug	1		\$ 8.00	\$ 8.80
20	BNW16M40	Bolt – M16 x 40	2		\$ 4.00	\$ 4.40
21	HA3370	Brace/Bearing RH Assembled	1	Includes 21a,22,23,24,25	\$ 90.00	\$ 99.00
	HA3380	Brace/Bearing LH Assembled	1	Includes 21b,22,23,24,25	\$ 90.00	\$ 99.00
21a	HA3371	Bracket – RH	1		\$ 45.00	\$ 49.50
21b	HA3381	Bracket – LH (shown)	1		\$ 45.00	\$ 49.50
22	HA3372	Spacer plate	2		\$ 7.00	\$ 7.70
23	BE114UCR3	Bearing – UC207-20R3	2	Triple Lip Seal	\$ 20.00	\$ 22.00
24	BE114FL	Flanged housing – 1 1/4" F207	2		\$ 12.00	\$ 13.20
25	BON16M50CUP	Cup Head Sq Bolt M16 x 50 & Nut	4		\$ 6.00	\$ 6.60
26	XTA3123	Tele Arm Outer Bush	2	Nyaltron Insert	\$ 6.00	\$ 6.60

## STARS, COILS & AXLES

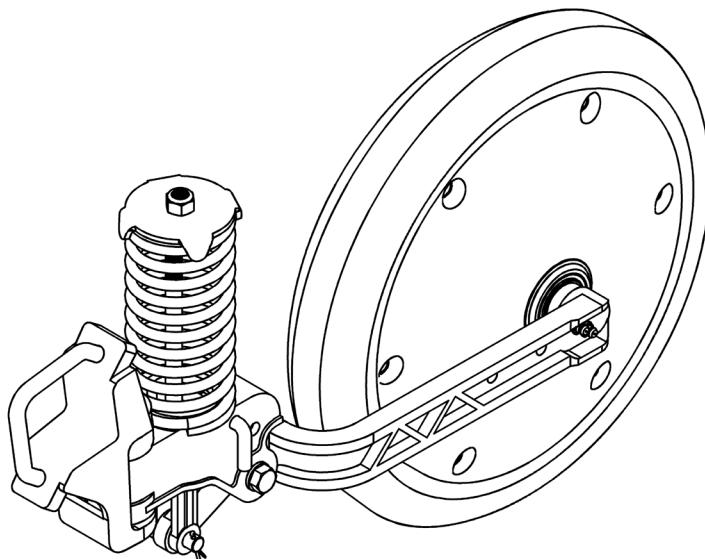


Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	<b>HA3440</b>	4ft Axle	1		\$140.00	\$154.00
	<b>HA3450</b>	5ft Axle	1		\$150.00	\$165.00
	<b>HA3460</b>	6ft Axle	1		\$160.00	\$176.00
2	<b>HA3510</b>	Star Half	2 per star		\$ 25.00	\$ 27.50
3	<b>HA3520</b>	Star Tip	6 per star		\$ 5.50	\$ 6.05
	<b>HA3520x100</b>	Star Tips	Box of 100		\$500.00	\$550.00
4	<b>BON8M35F</b>	Bolt 8M x 35mm flanged & Nut	6 per star		\$ 1.00	\$ 1.10
	<b>HA3500</b>	Harrow Star Assembled	1	Items 2, 3, 4 Assembled 10 Stars per 4ft axle 13 stars per 5ft axle 16 stars per 6ft axle	\$ 78.00	\$ 85.80
5	<b>HA3390</b>	Slinger	2		\$ 27.00	\$ 29.70
6	<b>HA3410</b>	Sleeve	2		\$ 7.00	\$ 7.70
7	<b>NU20MNY</b>	Nut – 20mm Nylock	2		\$ 1.70	\$ 1.87
8	<b>SP3701</b>	Spring Harrow Coil	3	Springs per 4ft axle	\$160.00	\$176.00
			4	Springs per 5ft axle		
9	<b>HA3710</b>	Coil Clamp	6	per 4ft axle	\$ 24.00	\$ 26.40
			8	per 5ft axle		
10	<b>HA3720</b>	Coil Clamp End Plate	2	per gang	\$ 13.00	\$ 14.30
11	<b>BON16M110</b>	Bolt M16 x 110 ZP, Nuts	8	per 4ft axle	\$ 6.00	\$ 6.60
			10	per 5ft axle		



## PRESSWHEEL MODULES

Presswheel modules are supplied individually and include "V" bolt to secure to 65x65x4mm mounting bar (page 57)



		Exc	Inc
<b>PWF50</b>	Presswheel Flat 50mm Assembly	\$450.00	\$495.00
<b>PWV70</b>	Presswheel "V" 70mm Assembly	\$450.00	\$495.00
<b>PWV95</b>	Presswheel "V" 95mm Assembly	\$450.00	\$495.00
<b>PWW100</b>	Presswheel 'W' Shape 100mm Assembly	\$470.00	\$517.00

FOR TYRE PROFILE IMAGES PLEASE REFER TO THE NEXT PAGE

### Optional Extras

<u>Inner Spring</u>	For extra down-pressure		
<b>SP4012</b>	Optional Inner Spring 145 x 60	\$ 15.00	\$ 16.50

To add Inner Spring to presswheel, simply add SP4012 to your order, they will automatically be fitted during assembly

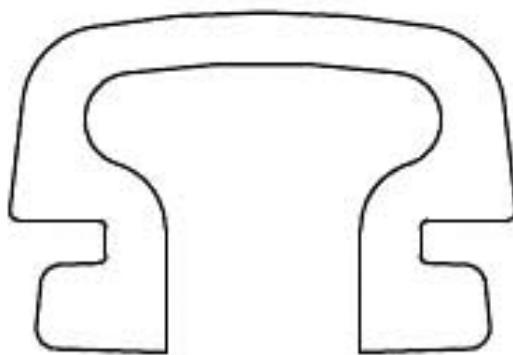
Presswheel Spacer For extra clearance and slight angle adjustment to assist in mud shedding

<b>PW4440</b>	Optional wheel to arm spacer	\$ 20.00	\$ 22.00
<b>BO16M120</b>	Corresponding bolt M16 x 120 for above spacer	\$ 5.00	\$ 5.50
<b>For Presswheel modules ordered with spacer factory fitted add 'S' to above assembly part no's.</b>		\$ 20.00	\$ 22.00
E.g. 70mm V tyre profile with spacer would be <b>PWV70S</b>		\$470.00	\$517.00

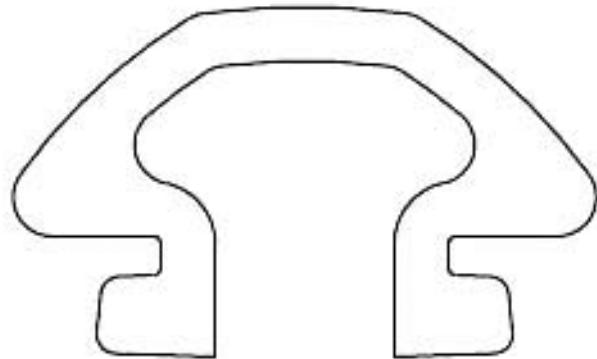
FOR REPLACEMENT PARTS FOR THESE KITS PLEASE REFER TO PAGES 61 - 62

## TYRE PROFILES

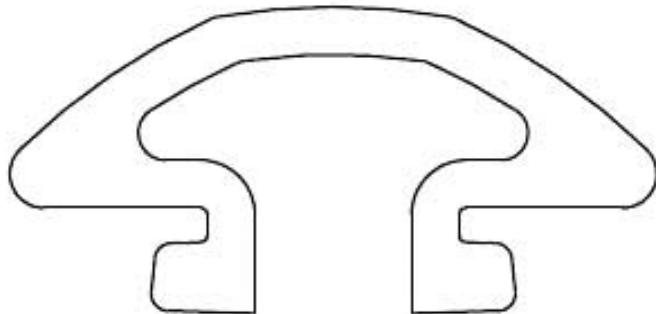
### SEMI PNEUMATIC TYRE PROFILES



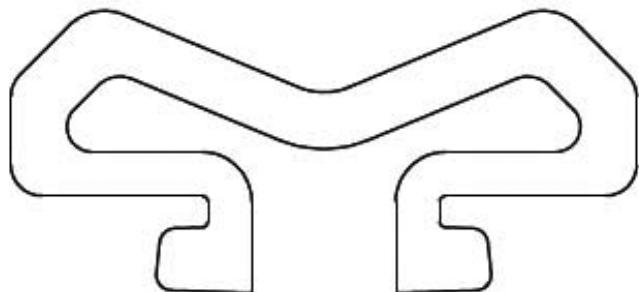
**50mm Flat Tyre**  
Crumbles side of narrow slot  
*40-50mm Closers*  
**PWF50 \$450 +GST**



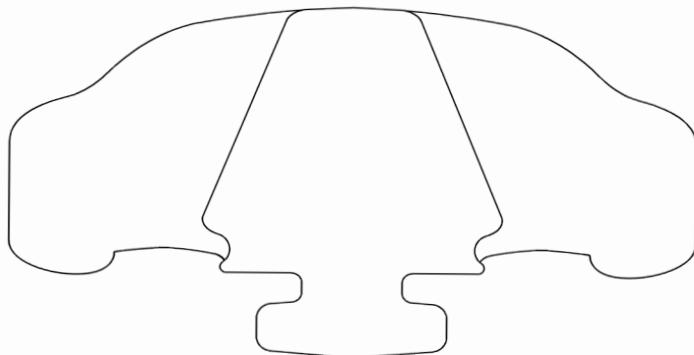
**70mm "V" Tyre**  
General purpose in mixed soil types  
*40-80mm Closers or Seekers*  
**PWV70 \$450 +GST**



**95mm "V" Tyre**  
Wide press on light sand soils  
*50-95mm Closers or Seekers*  
**PWV95 \$450 +GST**



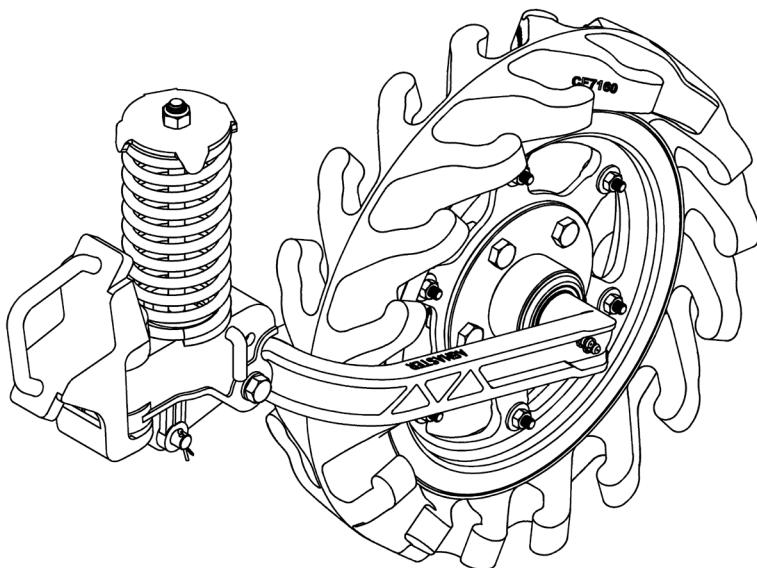
**100mm W Tyre**  
For use with 95mm paired-row seeker boots  
*95mm Seekers on flat fields*  
**PWW100 \$470 +GST**



**130mm 'Emu Tracker' Tyre**  
Most effective in moist soils where furrow  
smearing/crusting is a problem  
*50-95mm Closers or Seekers*  
**PWE130 \$600 +GST**

## EMU TRACKER PRESSWHEEL MODULES

Presswheel modules are supplied individually and include "V" bolt to secure to mounting bar



		Exc	Inc
PWE130	Emu Tracker Presswheel 130mm Tyre Assembly	\$600.00	\$660.00

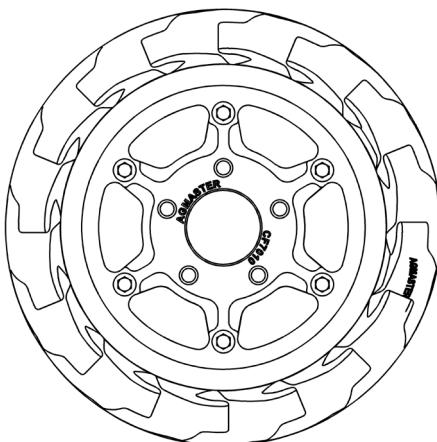
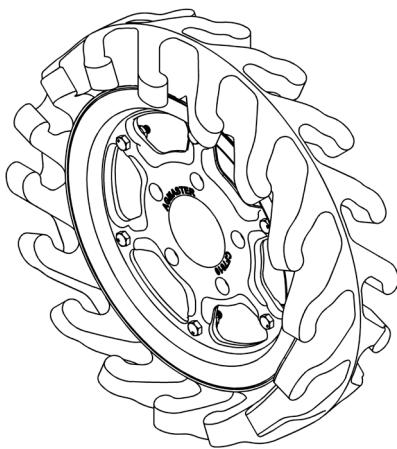
### Optional Extras

Inner Spring      For extra down-pressure

SP4012	Optional Inner Spring 145 x 60	\$ 15.00	\$ 16.50
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To add Inner Spring to presswheel, simply add SP4012 to your order, they will automatically be fitted during assembly

### Spare Parts



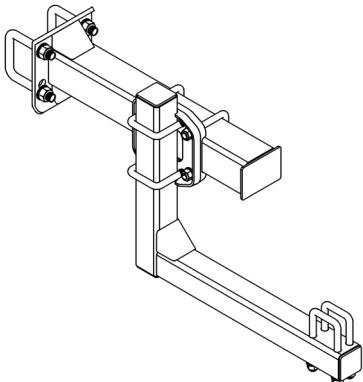
		Exc	Inc
CF7560	Emu Tracker replacement 5 stud wheel assembly	\$280.00	\$308.00
CF7160	Emu Tracker replacement tyre only	\$140.00	\$154.00
CF7050	Emu Tracker 5 stud single half hub (two required per wheel)	\$ 70.00	\$ 77.00

FOR OTHER REPLACEMENT PARTS FOR THE PIVOT/MOUNT ASSEMBLY PLEASE REFER TO PAGE 61

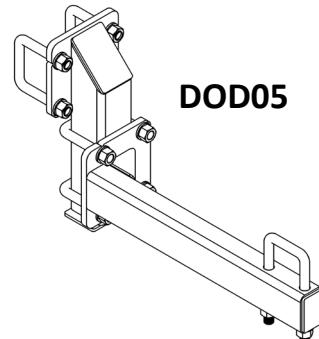
## PRESSWHEEL MOUNTING ARMS

### Fixed Extension Arm - Single

These kits bolt onto rear frame of the machine and provide an adjustable position for the mount bar (not included) to which the Presswheel bolts. Supplied with all parts & u-bolts pictured.



**NOTE: 3x arms required for any machine sections with 18+ standard Presswheel modules or 12+ Emu Tracker modules**

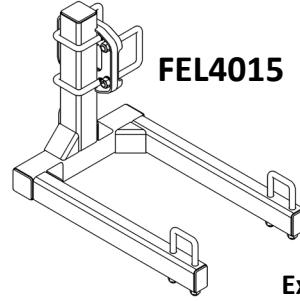
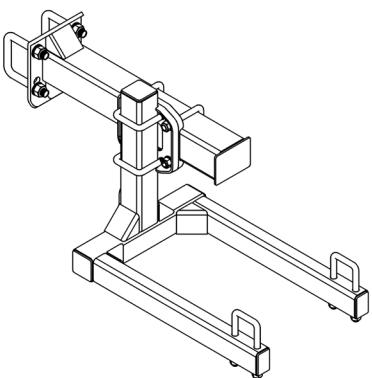


			Exc	Inc
FEO04	<b>Fixed Extension Arm</b>	Suits 100 x 100 frame	\$625.00	\$687.50
FEO05	<b>Fixed Extension Arm</b>	Suits 75 x 75 frame	\$625.00	\$687.50
FEO08	<b>Fixed Extension Arm</b>	Suits 75 x 75 diamond frame <i>(Shearer)</i>	\$625.00	\$687.50
FEO00 #	<b>Fixed Extension Arm</b>	To fit in front of existing Agmaster Harrows	\$625.00	\$687.50
DOD05	<b>Compact Fixed Extension Arm to suit Duncan</b>	Suits 75 x 75 Duncan frame	\$310.00	\$341.00

**# FEO00 - U-BOLTS TO MOUNT TO MACHINE NOT INCLUDED. IF NEW ONES REQUIRED, ORDER 2X OF ITEM #7 ON P58 DEPENDING ON MACHINE FRAME SIZE**

### Fixed Extension Arm - Double Outrigger

For short sections of Folding Machines i.e. 7ft or less with a maximum 10x standard Presswheel Modules or 7x Emu Tracker Modules. Typically used on outer wings of Double Fold Machines

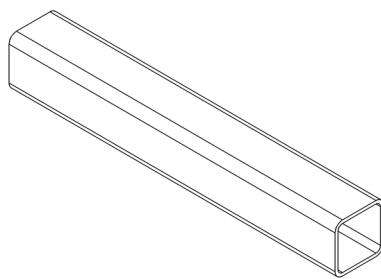


			Exc	Inc
FED04	<b>Fixed Extension Arm with Double Outrigger</b>	Suits 100 x 100 frame	\$800.00	\$880.00
FED05	<b>Fixed Extension Arm with Double Outrigger</b>	Suits 75 x 75 frame	\$800.00	\$880.00
FED08	<b>Fixed Extension Arm with Double Outrigger</b>	Suits 75 x 75 diamond frame <i>(Shearer)</i>	\$800.00	\$880.00
FED00	<b>Fixed Extension Arm with Double Outrigger</b>	To fit in front of Agmaster Harrows	\$800.00	\$880.00
FEL4015	<b>Double Outrigger only</b>	For existing FE4030 or Harrow Tele Arm	\$480.00	\$528.00

(If using FEL4015 on Harrow Tele Arm also order HS3050 x 1, PI8L x 2)  
Per set HSP3050

**\$ 22.00    \$ 24.20**

## Mounting Bar



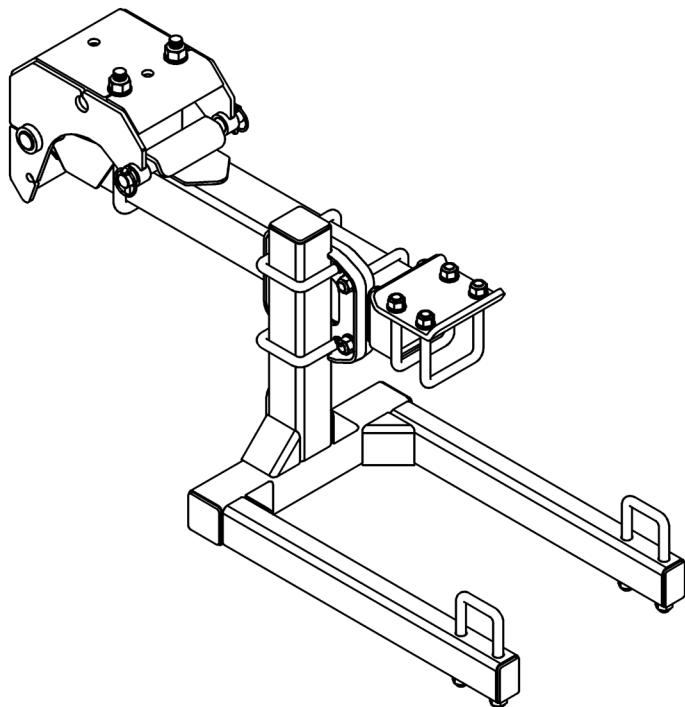
		Exc	Inc
		per metre	
<b>RH65654 x length</b>	e.g.: RHS 65mm x 65mm x 4mm Duragal – cut and capped	\$45.00	\$49.50

**NOTE:** Agmaster will only supply RHS to customers collecting from Welshpool Warehouse due to freight issues with such long parts. All other customers to source locally

<b>CA65</b>	<b>Cap 65mm Square Insert</b> These plastic knock-in caps enclose the end of the above RHS (Included in mounting bar price)	<b>\$10.00</b>	<b>\$11.00</b>
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## Telescopic Extension Arm

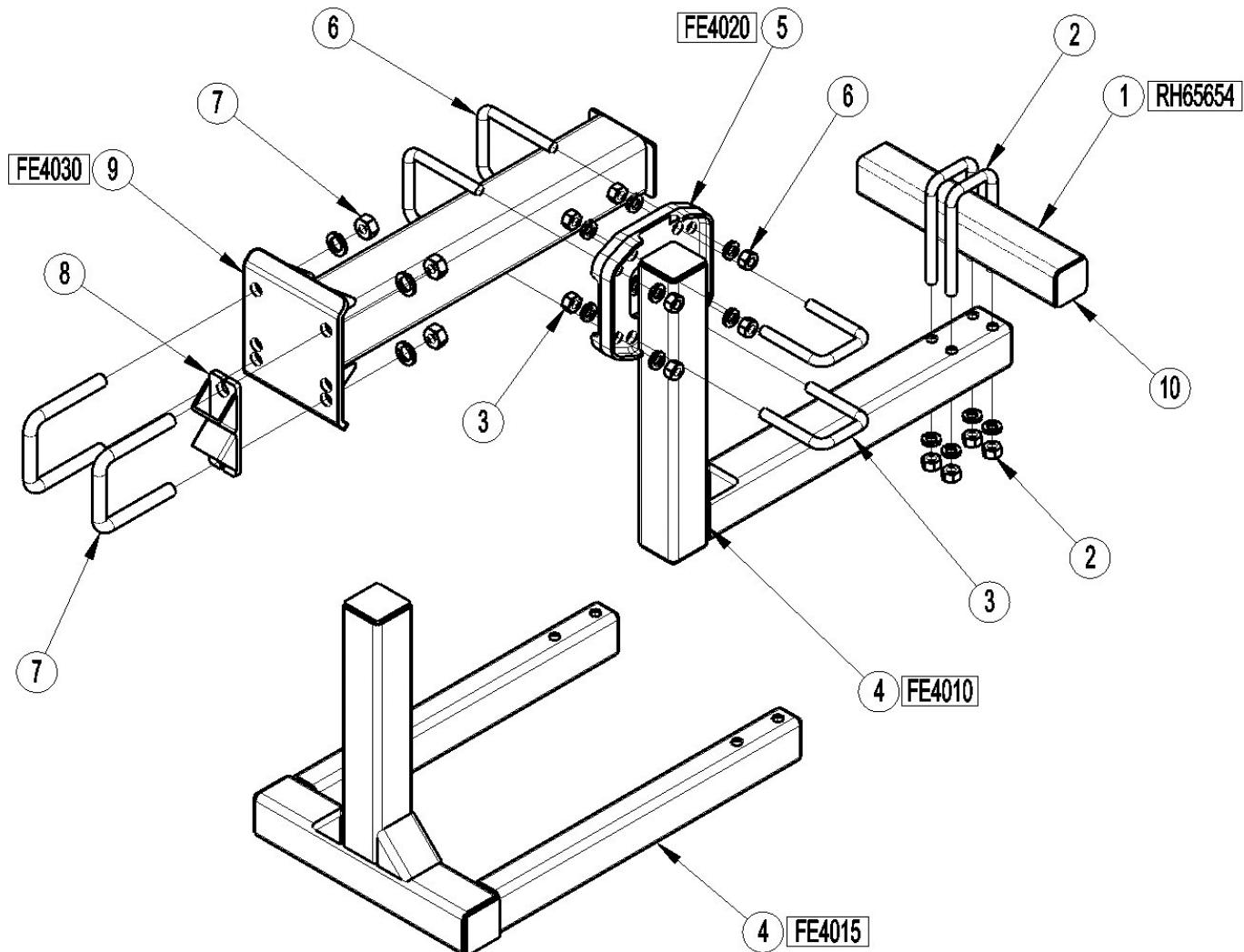
These kits are used when there is a requirement to interchange Presswheels and Harrows into the same tele arm arrangement.



		Exc	Inc
<b>TPO04</b>	Telescopic Arm Presswheel Extension & Outrigger, 100 x 100 frame	\$1500.00	\$1650.00
<b>TPO05</b>	Telescopic Arm Presswheel Extension & Outrigger, 75 x 75 frame	\$1500.00	\$1650.00
<b>TPO08</b>	Telescopic Arm Presswheel Extension & Outrigger, 75 x 75 diamond frame	\$1500.00	\$1650.00
<b>FEL4015</b>	Double Outrigger for existing FE4030 or Harrow Tele Arm (see diagram pg54) (If using FEL4015 on Harrow Tele Arm also buy HS3050 x 1, PI8L x 2) Per set <b>HSP3050</b>	\$480.00	\$ 528.00
		\$ 22.00	\$ 24.20

## PRESSWHEEL COMPONENTS

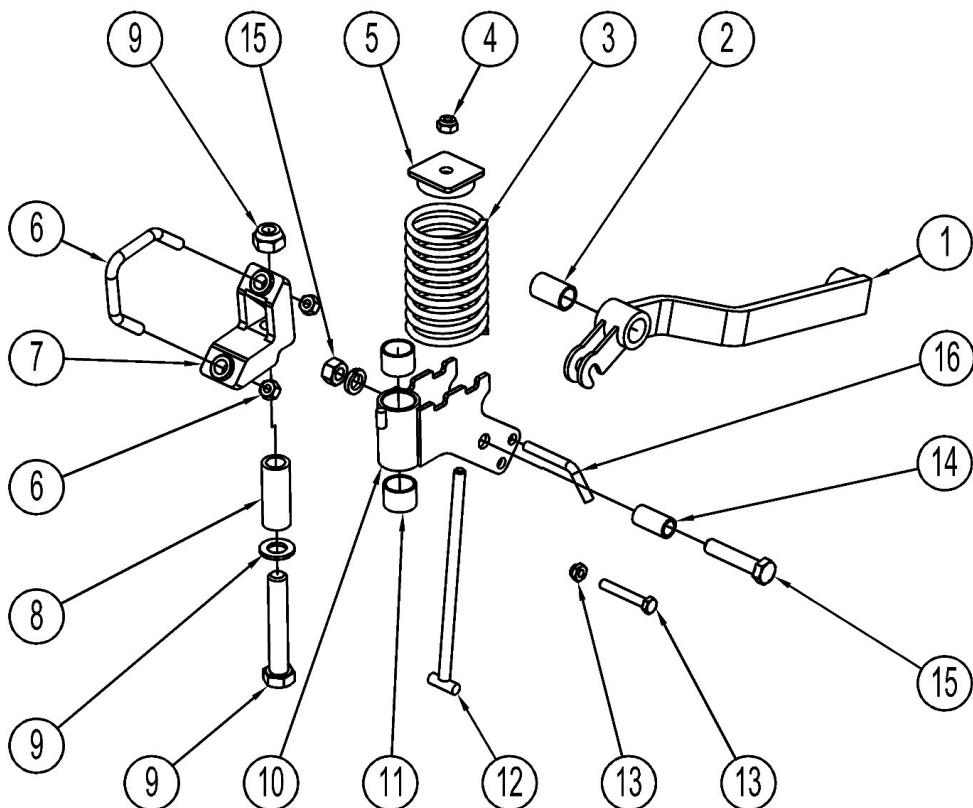
### Fixed Extensions



Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	RH65654	RHS 65 mm x 65 mm x 4 mm	AR	length to suit	\$ 45.00/mtr	\$ 49.50/mtr
2	UBN4002	U Bolt – M16, Nuts & Washers	2		\$ 20.00	\$ 22.00
3	UBN4003	U Bolt – M16, Nuts & Washers	2		\$ 15.00	\$ 16.50
4	FE4010	L Frame	1		\$170.00	\$187.00
or	FE4015	Double L Frame	1	refer page 56 for details	\$340.00	\$374.00
5	FE4020	Clamp plate	1		\$ 40.00	\$ 44.00
6	UBN3002	U Bolt – M16, Nuts & Washers	2		\$ 20.00	\$ 22.00
7	UBN3004	UBolt - M20, Nuts & Washers	2	for 100 mm Square RHS	\$ 25.00	\$ 27.50
	UBN3005	UBolt – M20, Nuts & Washers	2	for 75mm Square RHS	\$ 25.00	\$ 27.50
	VBN3006	UBolt – M20, Nuts & Washers	2	for RHS set on diagonal	\$ 25.00	\$ 27.50
8	HS3080	Clamp Plate	2	for RHS set on diagonal	\$ 20.00	\$ 22.00
9	FE4030	Extension	1		\$270.00	\$297.00
10	CA65	Cap – 65mm Square Insert	2	to cap ends of Item 1	\$ 10.00	\$ 11.00

## PRESSWHEEL MODULE: Original 2002 Model

FABRICATED WITH BUSH TYPE PIVOTS

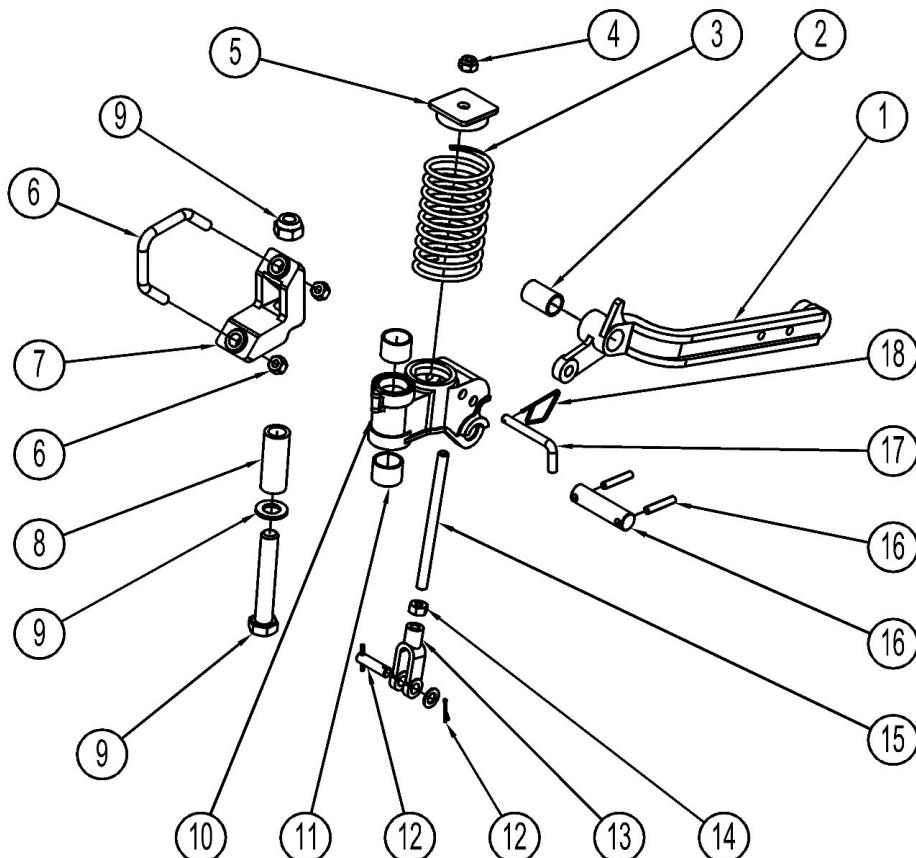


Note: This is for Presswheels up to 2002. This model has no seal. For 2003 onwards see following pages.

Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	<b>PW4270</b>	Jump Arm 2002	1	Obsolete		
2	<b>PW4276</b>	Presswheel Jump Arm Bush 2002/03	1		\$ 5.00	\$ 5.50
3	<b>SP4011</b>	Spring 165 x 80	1		\$20.00	\$22.00
	<b>SP4012</b>	Optional Inner Spring 144 x 60	1		\$15.00	\$16.50
4	<b>NU12MNY</b>	Nylock Nut – M12	1		\$ 0.40	\$ 0.44
5	<b>PW4580</b>	Spring Cap	1		\$ 7.00	\$ 7.70
6	<b>VBN4001</b>	V Bolt M12 90x100ctr, Nut & Washer	1		\$ 5.00	\$ 5.50
7	<b>PW4255</b>	Pivot Mount 2002/03	1	Obsolete but Upgradeable (PWU45)		
8	<b>PW4265</b>	Track Pivot Spacer 77 x 30 2002/03	1		\$ 5.00	\$ 5.50
9	<b>BNW20M120</b>	Bolt – M20 x 120, Nut, Washer	1		\$10.00	\$11.00
10	<b>PW4260</b>	Track Pivot 2002	1	Obsolete		
11	<b>PW4266</b>	Track Pivot Bush 25 x 35 2002/03	2		\$ 5.00	\$ 5.50
12	<b>PW4267</b>	T Bolt M12 x 250	1	Obsolete		
13	<b>BON10M65</b>	Bolt – M10 x 65, Nut	1	Not stocked by Agmaster		
14	<b>PW4275</b>	Jump Arm Spacer 42 x 22 2002/03	1		\$ 3.00	\$ 3.30
15	<b>BNW16M90</b>	Bolt – M16 x 90, Nut, Washer	1		\$ 5.50	\$ 6.05
16	<b>PW4590</b>	Locking Pin	1		\$ 5.00	\$ 5.50
	<b>PI3MIN</b>	R Clip – B9 or Min clip	1		\$ 1.20	\$ 1.32
	<b>PWU45</b>	Mount Upgrade PW4255 to PW4450 See diagram page 63	1	Includes Sleeve/Bolt	\$62.00	\$68.20

## PRESSWHEEL MODULE: 2003 Model

BUSH TYPE PIVOTS

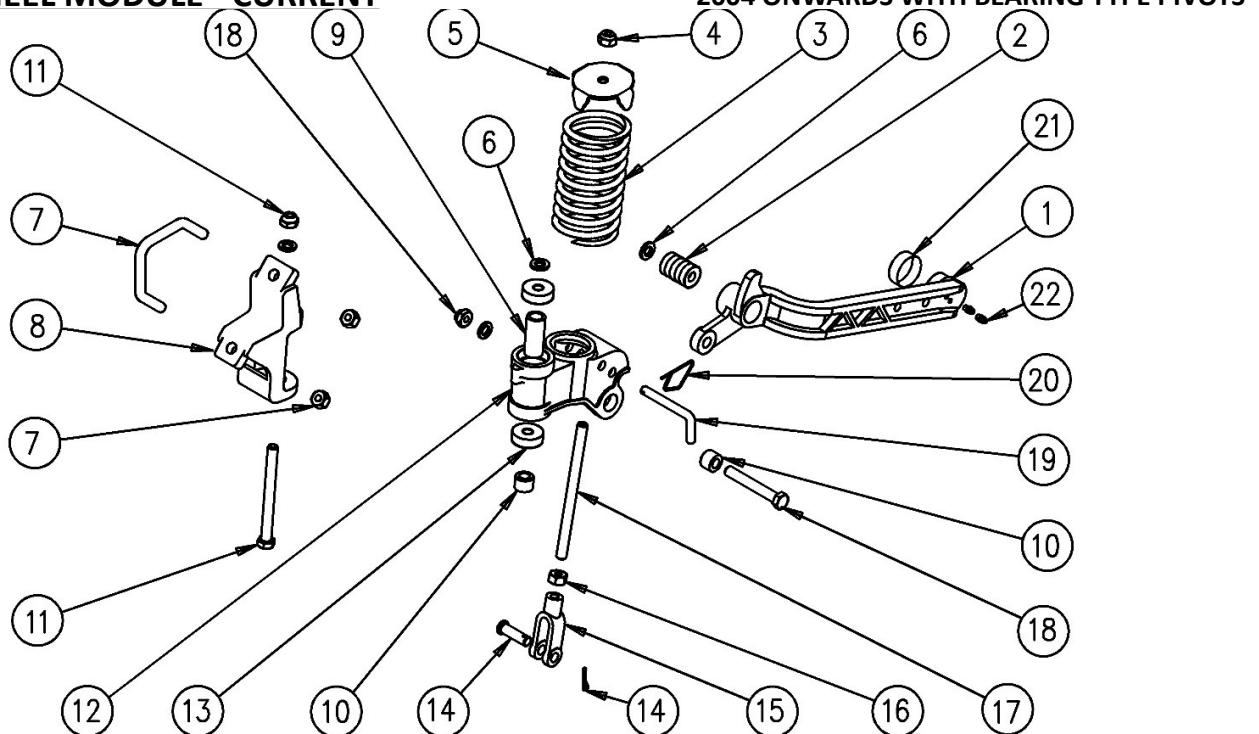


Note: This is for 2003 Model Presswheels. For 2004 model onwards see next page.

Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	<b>PW4290</b>	Jump Arm 2003 (takes seal SE36PR518)	1	Includes 1, 2	\$80.00	\$88.00
2	<b>PW4276</b>	Jump Arm Bush 41 x 27 2002/03	1		\$ 5.00	\$ 5.50
3	<b>SP4011</b>	Spring 165 x 80	1		\$20.00	\$22.00
	<b>SP4012</b>	Optional Inner Spring 144 x 60	1		\$15.00	\$16.50
4	<b>NU12MNY</b>	Nylock Nut – M12	1		\$ 0.40	\$ 0.44
5	<b>PW4580</b>	Spring Cap	1		\$ 7.00	\$ 7.70
6	<b>VBN4001</b>	V Bolt M12 90x 100ctr, Nut & Washer	1		\$ 5.00	\$ 5.50
7	<b>PW4255</b>	Pivot Mount	1	Obsolete but upgradeable (PWU45)		
8	<b>PW4265</b>	Track Pivot Spacer 77 x 30 2002/03	1		\$ 5.00	\$ 5.50
9	<b>BNW20M120</b>	Bolt – M20 x 120, Nut, Washer	1		\$10.00	\$11.00
10	<b>PW4280</b>	Track Pivot 2003	1	Includes 2 x Item 11 Obsolete when stock exhausted	\$70.00	\$77.00
11	<b>PW4266</b>	Track Pivot Bush 25 x 35 2002/03	2		\$ 5.00	\$ 5.50
12	<b>PWS57</b>	Clevis Pin, Split Pin	1		\$ 2.00	\$ 2.20
13	<b>PW4560</b>	Clevis Yoke	1		\$20.00	\$22.00
14	<b>NU12MZP</b>	Nut M12	1		\$ 0.30	\$ 0.33
15	<b>PW4550</b>	Pressure Rod – M12	1		\$ 8.00	\$ 8.80
16	<b>PWR4285</b>	Jump Arm Pin 85 x 22 2003	1	Includes Roll Pins	\$ 6.00	\$ 6.60
17	<b>PW4590</b>	Locking Pin	1		\$ 5.00	\$ 5.50
18	<b>PI3MIN</b>	R Clip – B9 or Min clip	1		\$ 1.20	\$ 1.32
	<b>PWU45</b>	Mount Upgrade PW4255 to PW4450	1	Includes Sleeve/Bolt	\$62.00	\$68.20

*See diagram page 65*

## PRESSWHEEL MODULE - CURRENT



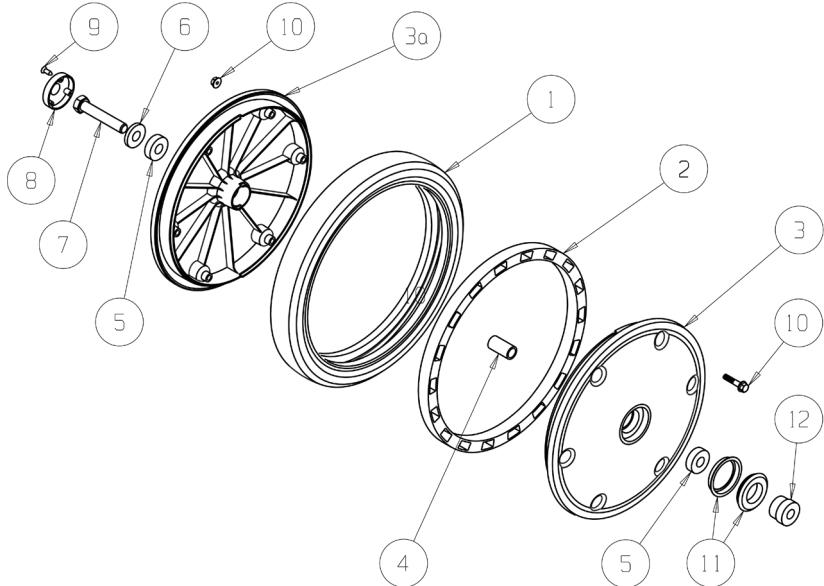
## 2004 ONWARDS WITH BEARING TYPE PIVOTS

Note: This is 2004 - current model. See previous pages for earlier model parts.

Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	<b>PW4420</b> or <b>PW4405</b>	<b>Current</b> Jump Arm 2005- Onwards w Bearings (doesn't suit Emu Tracker) Jump Arm <b>2004 Only</b> Model with Bearings & Sleeve	1	Incl 1, 2, 22. <i>Takes seal SE36P6641</i>	\$ 90.00	\$ 99.00
2	<b>BE1228</b>	Bearing (6001-2RS)	5		\$ 2.00	\$ 2.20
3	<b>SP4011</b>	Spring 165 x 80	1		\$ 20.00	\$ 22.00
	<b>SP4012</b>	Optional Inner Spring 144 x 60	1		\$ 15.00	\$ 16.50
4	<b>NU12MNY</b>	Nylock Nut – M12	3		\$ 0.40	\$ 0.44
5	<b>PW4580</b>	Spring Cap	1		\$ 7.00	\$ 7.70
6	<b>PW4460</b>	Mount/Arm Washer 3 x 22	2		\$ 0.80	\$ 0.88
7	<b>VBN4001</b>	V Bolt M12, Nut & Washer	1		\$ 5.00	\$ 5.50
8	<b>PW4450</b>	Pivot Mount 2004	1		\$ 50.00	\$ 55.00
9	<b>PW4480</b>	Track Pivot Bearing Spacer	1		\$ 4.00	\$ 4.40
10	<b>PW4470</b>	Mount/Arm Spacer 15 x 22	2		\$ 1.20	\$ 1.32
11	<b>BNW12M130</b>	Bolt – M12 x 130, Nut & Washer	1		\$ 3.50	\$ 3.85
12	<b>PW4500</b>	Track Pivot with Bearings & Spacer	1	Includes 9, 12, 13	\$ 70.00	\$ 77.00
13	<b>BE1237</b>	Bearing (6301-2RS)	2		\$ 3.00	\$ 3.30
14	<b>PWS57</b>	Clevis Pin, Split Pin	1		\$ 2.00	\$ 2.20
15	<b>PW4560</b>	Clevis Yoke	1		\$ 20.00	\$ 22.00
16	<b>NU12MZP</b>	Nut M12	1		\$ 0.30	\$ 0.33
17	<b>PW4550</b>	Rod – M12	1		\$ 8.00	\$ 8.80
18	<b>BNW12M85</b>	Bolt – M12 x 85, Nut & Washer	1		\$ 3.00	\$ 3.30
19	<b>PW4590</b>	Locking Pin	1		\$ 5.00	\$ 5.50
20	<b>PI3MIN</b>	R Clip – B9 or Min clip	1		\$ 1.20	\$ 1.32
21	<b>PW4415</b>	Seal Wear Sleeve	1	2004 Model only	\$ 5.00	\$ 5.50
22	<b>GN6</b>	Grease Nipple 6mm Stainless	2	2011 onwards Model only	\$ 0.50	\$ 0.55
	<b>PWS55</b>	Spring kit	1	Includes 3, 4, 5, 14, 15, 16, 17	\$ 57.00	\$ 62.70
	<b>PW4000</b>	Presswheel Assembly – No Wheel	1	Not incl #7 and all items on <b>P62</b>	\$280.00	\$308.00

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices. 61

## WHEELS, PARTS, RIMS & SEALS

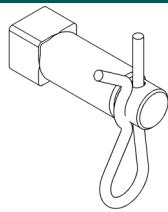


Ref	Part No.	Description	Qty	Remarks	Exc	Inc
1	PW4300	Tyre – 100mm 'W'	1	Includes Item 2	\$115.00	\$126.50
	PW4310	Tyre – 70 mm V	1	Includes Item 2	\$ 95.00	\$104.50
	PW4320	Tyre – 95 mm V	1	Includes Item 2	\$ 95.00	\$104.50
	PW4330	Tyre – 50 mm flat	1	Includes Item 2	\$ 95.00	\$104.50
2	PW4370	Spacer Ring	1		\$ 10.00	\$ 11.00
3	PW4350	Rim Half – Seal Side with bearing	1	This half has steel ring in it	\$ 40.00	\$ 44.00
3a	PW4360	Rim Half – Cap Side with bearing	1		\$ 30.00	\$ 33.00
4	PW4380	Bearing Spacer	1		\$ 4.00	\$ 4.40
5	BE1740	Bearing (6203-2RS)	2		\$ 4.00	\$ 4.40
6	WA16L	Washer M16 Lock Ribbed	1		\$ 1.00	\$ 1.10
7	BO16M90	Bolt – M16 x 90 w grease notch	1	Secures Wheel to Arm	\$ 5.00	\$ 5.50
	BO16M120	Bolt – M16 x 120 w grease notch	1	Secures Wheel to Arm (w spacer)	\$ 5.00	\$ 5.50
8	PW4390	Cap	1	From 2003 – Takes 3 x SC825	\$ 5.00	\$ 5.50
	PW4251	Cap – Grey	1	Knock in type for 2002 model	\$ 5.00	\$ 5.50
9	SC825	Self tapping Screw	3	8 gauge x 25mm countersunk	\$ 0.20	\$ 0.22
10	BON8M35F	Bolt 8M x 35 Flanged, Nut	6	per rim	\$ 1.00	\$ 1.10
11	SE36P6641 or SE36PR6518	Seal P6641 & Ring Seal TC1.437	1	<u>Current</u> 2005 onwards – use on PW4420 arm 2003/04 model – use on PW4290/PW4405 arm	\$ 6.00	\$ 6.60
12	PW4440	30 mm Clearance Spacer -optional	1	To increase clearance between tyre & arm for mud shedding	\$ 20.00	\$ 22.00
	BO16M120	Bolt M16 x 120 w grease notch	1	Required with above spacer PW4440 in place of BO16M90	\$ 5.00	\$ 5.50
	PW4200	100 mm 'W' wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$200.00	\$220.00
	PW4210	70 mm V wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00
	PW4220	95 mm V wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00
	PW4230	50 mm flat wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00

Please note SE36PR5618 is a very uncommon seal, please check with Agmaster before ordering if not sure

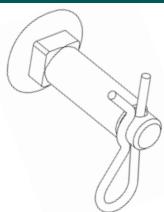
12	PW4440	30 mm Clearance Spacer -optional	1	To increase clearance between tyre & arm for mud shedding	\$ 20.00	\$ 22.00
	BO16M120	Bolt M16 x 120 w grease notch	1	Required with above spacer PW4440 in place of BO16M90	\$ 5.00	\$ 5.50
	PW4200	100 mm 'W' wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$200.00	\$220.00
	PW4210	70 mm V wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00
	PW4220	95 mm V wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00
	PW4230	50 mm flat wheel assembly	1	Above Assembly Minus 6, 7, 8, 9	\$180.00	\$198.00

## FASTENERS



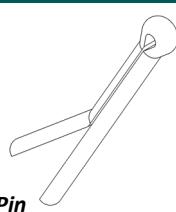
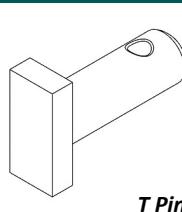
**Pin & R Clip**

Fit Adjusta-Point on NT19 Series and Multi-Boot Module on  
Morris Quantum, Contour 2 & Bourgault Paralink



**T Pin & Split Pin**

Fit series NT07, NT09, NT11 points  
& Sweep Adaptors



### PINS

		<b>Exc</b>	<b>Inc</b>
<b>PIR41</b>	12mm Pin 41mm Square & R Clip for Adjusta-Point Holder HL5610	\$ 2.20	\$ 2.42
<b>PIS41</b>	12mm Pin 41mm Square & 3mm Split Pin for Adjusta-Point Holder HL5610	\$ 2.00	\$ 2.20
<b>PIR45</b>	12mm Pin 45mm & R Clip for Adjusta-Point Holder HL5600	\$ 2.20	\$ 2.42
<b>PIR45</b>	12mm Pin 45mm & 3mm Split Pin for Adjusta-Point Holder HL5600	\$ 2.00	\$ 2.20
<b>PI12A41</b>	Pin 12mm x 41mm Square for Adjusta-Point Holder HL5610 2021 - Current	\$ 1.90	\$ 2.09
<b>PI12A45</b>	Pin 12mm x 45mm for Adjusta-Point Holder HL5600 2018-2020	\$ 1.90	\$ 2.09
<b>PI432R</b>	R-Clip 43 x 2.5 for PI124XA	\$ 0.40	\$ 0.44
<b>TSP</b>	'T' Pin 10mm + Pin Split 4 x 25mm	\$ 1.50	\$ 1.65
<b>TP1180</b>	Pin 'T' Diameter 10mm	\$ 1.40	\$ 1.54
<b>PI425S</b>	Pin Split 4 x 25mm	\$ 0.20	\$ 0.22
<b>PI325S</b>	Pin Split 3 x 25mm	\$ 0.20	\$ 0.22

### BOLTS

<b>BO6M10S</b>	Bolt M6 x 10 – Pipe Adaptors and some stainless liquid casings	\$ 0.50	\$ 0.55
<b>BO16M90</b>	Bolt M16 x 90 Z/P - Presswheel	\$ 5.00	\$ 5.50
<b>BO16M120</b>	Bolt M16 x 120 Z/P - Presswheel	\$ 5.00	\$ 5.50

Other Bolts not shown are listed under "Bolt and Nut" sets or "Bolt, Nut and Washer" sets

### WASHERS

<b>WA16L</b>	Washer M16 Lock Ribbed Zinc - Presswheel	\$ 1.00	\$ 1.10
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Other Washers not shown are listed under "Bolts, Nut and Washer" sets

### BOLTS & NUTS (SETS)

<b>BON6M16S</b>	Bolt M6 x 16 Stainless, Nut – Liquid Kits	\$ 0.70	\$ 0.77
<b>BON8M35F</b>	Bolt M8 x 35 Flanged, Nut – Stars, Harrows	\$ 1.00	\$ 1.10

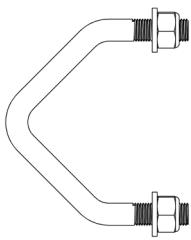
Other Bolts & Nuts not shown are listed under "Bolt, Nut and Washer" sets

### BOLTS, NUT & WASHERS (SETS)

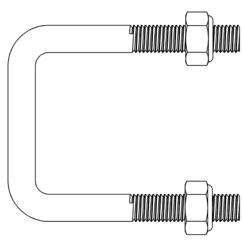
<b>BNW12112</b>	Bolt ½" UNF x 1½", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12134</b>	Bolt ½" UNF x 1¾", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW122</b>	Bolt ½" UNF x 2", Conelock Nut & 2 x Washers	\$ 3.00	\$ 3.30
<b>BNW12212</b>	Bolt ½" UNF x 2½", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12214</b>	Bolt ½ UNF x 2¼", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12234</b>	Bolt ½" UNF x 2¾" Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW123</b>	Bolt ½ UNF x 3", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12312</b>	Bolt ½" UNF x 3½", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW7162</b>	Bolt 7/16 x 2", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW716212</b>	Bolt 7/16 UNF x 2½", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW716234</b>	Bolt 7/16 UNF x 2¾", Conelock Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12M40</b>	Bolt M12 x 40, Nut & Washer	\$ 2.00	\$ 2.20
<b>BNW12M55</b>	Bolt M12 x 55, Nut & Washer	\$ 2.00	\$ 2.20
<b>BNW12M85</b>	Bolt M12 x 85 Z/P, Nut & Washer	\$ 3.00	\$ 3.30
<b>BNW12M130</b>	Bolt M12 x 130, Nut & Washer	\$ 3.50	\$ 3.85
<b>BNW16M40</b>	Bolt M16 x 40, Nut & Spring Washer	\$ 4.00	\$ 4.40
<b>BNW16M55</b>	Bolt M16 x 55, Conelock Nut & Washer	\$ 4.00	\$ 4.40
<b>BNW20M60</b>	Bolt M20 x 60, Nut, Spring Washer & Flat Washer	\$ 6.00	\$ 6.60
<b>BNW20M120</b>	Bolt M20 x 120, Nut & Spring Washer	\$10.00	\$11.00
<b>BNW20M150</b>	Bolt M20 x 150, Nut & Spring Washer	\$12.00	\$13.20
<b>BNW20M170</b>	Bolt M20 x 170, Nut & Spring Washer	\$15.00	\$16.50

Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

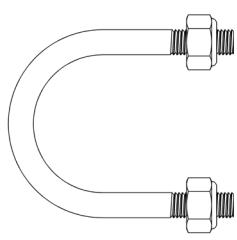
## **U - BOLTS & V - BOLTS**



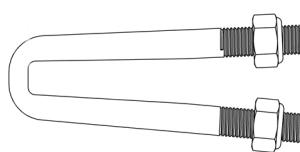
**VBN4001**  
**VBN3006**



**UBN1003 – UBN2002**  
**UBN3001 – UBN4003\***



**UBN2007**



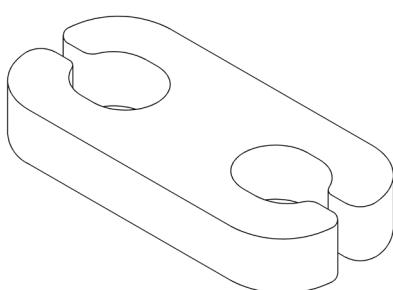
**UBN2003 - UBN2004**

### **U BOLTS, NUTS & WASHERS (SETS)**

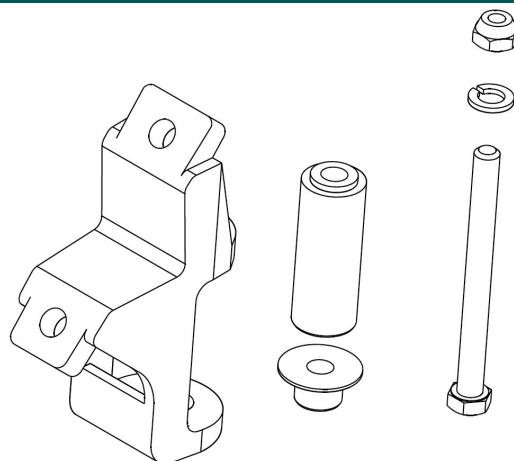
		<b>Exc</b>	<b>Inc</b>
<b>UBN1003</b>	U Bolt M10, 75 x 52, Nylock Nuts - Trashguards	\$ 5.00	\$ 5.50
<b>UBN1004</b>	U Bolt M10, 110 x 30, Nylock Nuts - Trashguards	\$ 5.00	\$ 5.50
<b>UBN2001</b>	U Bolt M12, 65 x 52, Nylock Nuts & Washers – NT11 Brackets	\$ 5.00	\$ 5.50
<b>UBN2002</b>	U Bolt M12, 85 x 30, Nylock Nuts & Washers – NT11 Brackets	\$ 5.00	\$ 5.50
<b>UBN2003</b>	U Bolt M12, 110 x 25, Nylock Nuts – NT08 Boot Brackets	\$ 5.00	\$ 5.50
<b>UBN2004</b>	U Bolt M12, 90 x 25, Nylock Nuts – NT08 Boot Brackets	\$ 5.00	\$ 5.50
<b>UBN5611</b>	U-Bolt M12, 80 x 52, Nylock Nuts – Adjusta-Point w Multi Boot & NT19	\$ 5.00	\$ 5.50
<b>UBN5612</b>	U-Bolt M12, 90 x 52, Nylock Nuts – Adjusta-Point w NT11 Seeker Boot	\$ 5.00	\$ 5.50
<b>UBN5613</b>	U-Bolt M12, 80 x 52 Bent, Nylock Nuts – Adjusta-Point w NT11 Boots	\$ 5.00	\$ 5.50
<b>UBN2007</b>	U Bolt M10, 77 x 55, Nylock Nuts & Washers – Flexi Boot	\$ 5.00	\$ 5.50
<b>UBN3001</b>	U Bolt M20, 290 x 105, Nylock Nuts & Washers - Harrows	\$35.00	\$38.50
<b>UBN3002</b>	U Bolt M16, 130 x 102, Nuts & Washers – Harrows/Presswheels	\$20.00	\$22.00
<b>UBN3003</b>	U Bolt M16, 80 x 52, Nuts & Washers - Harrows	\$15.00	\$16.50
<b>UBN3004</b>	U Bolt M20 135 x 102, Nuts & Washers – Harrows/Presswheels <i>(for 100mm x 100mm)</i>	\$25.00	\$27.50
<b>UBN3005</b>	U Bolt M20 110 x 77, Nuts & Washers – Harrows/Presswheels <i>(for 75mm x 75mm)</i>	\$25.00	\$27.50
<b>UBN4002</b>	U Bolt M16, 166 x 67, Nuts & Washers - Presswheels	\$20.00	\$22.00
<b>UBN4003</b>	U Bolt M16, 105 x 77, Nuts & Washers - Presswheels	\$15.00	\$16.50
<b>VBN3006</b>	U Bolt M20 150 x 122, Nuts & Washers – Harrows/Presswheels <i>(for 75mm x 75mm diamond)</i>	\$25.00	\$27.50
<b>VBN4001</b>	V Bolt M12, 90 x 100 ctr, Nuts & Washers - Presswheels	\$ 5.00	\$ 5.50

### **U BOLT BACKING PLATES**

<b>UB2005</b>	M12 x 25mm U-Bolt Backing Plate	<b>\$ 4.00</b>	<b>\$ 4.40</b>
<i>(Used with UB2003, UB2004 without Boot Assembly)</i>			
<b>UB5620</b>	M12 x 52 U-Bolt Backing Plate	<b>\$ 5.00</b>	<b>\$ 5.50</b>
<i>(Used with UB5612 on Adjusta-Point Holder w without Boot Assembly or NT11 Seeker Boot)</i>			
<b>TG1173</b>	M10 x 30 U Bolt Backing Plate – used with UB1004	<b>\$ 5.00</b>	<b>\$ 5.50</b>
<b>TG1175</b>	M10 x 52 U Bolt Backing Plate – used with UB1003	<b>\$ 5.00</b>	<b>\$ 5.50</b>



## UPGRADES



		Exc	Inc
<b>PWU45</b>	<b>Presswheel Mount Upgrade Pre 2004</b>	\$ 62.00	\$ 68.20

Includes yoke style cast mounting, 2 adaptor Bushes and pivot bolt

## MAINTENANCE TIPS

### HARROWS

If tips are showing more wear on one end of the gang loosen the three bolts at the turntable, re-level to suit and re-tighten.

Grease axle bearings weekly – **do not** over grease as seals may pop.

### PRESSWHEELS

#### **Pre Season:**

- Any pivots and swivels that don't move freely need to be freed up and lubricated or replaced.
- Any bearings or seals that sound noisy or gritty when the wheel turns should be replaced or repacked with grease
- Any damaged seals must be replaced
- If fitting a new seal a smear of grease in the fins of the seal will help its performance.
- When replacing or re-screwing black hub cap, a smear of grease against the contact surface will assist in sealing

#### **Post Season:**

- If unable to store seeder bar undercover, remove gangs of presswheels at the two UBolts securing mounting bar to outriggers. Storing the presswheels under cover will extend tyre, seal and bearing life

### 2002-2003 MODEL UPGRADES:

Side swivel upgrades (PWU45) are available if swivel is stiff

### 2004 MODEL UPGRADES:

Pressure rod clevis pins using split pin instead of circlips (PW4570 and PI425S)

### POINTS & CLOSER PLATES

#### **Point Wear:**

Points that are scalloping excessively above top piece of tungsten carbide or behind bottom tungsten carbide tip may cause end of point to break off before tip has reach it's useful life. Hardface weld can be applied in these regions to extend point life.

#### **Weld on Knives (PT1930 & PT1940):**

When rebuilding a point cut the excess off the old point and leave a 3mm gap for penetration to weld knife. MIG weld or general purpose ARC welding rods can be used. Excess weld can be left as this area works out of the ground.

It is not recommended to repair cast points without preheat/post heat

#### **Closers:**

Closers should be replaced once either corner has worn to more than 10mm radius. Closers cannot be rebuilt. If welding closers to cast boots use Stainless electrode grade 309.

## TIGHTENING TORQUE VALUES

### WRENCHING SYSTEM

Not all tensioning devices give the same tension, typical performance of wrenching systems is:

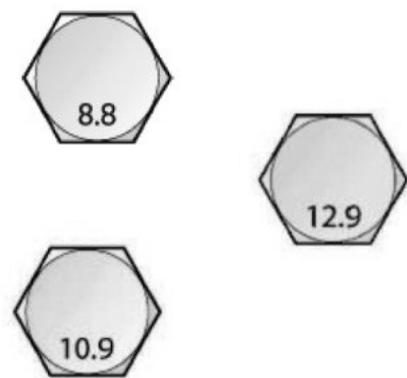
<b>WRENCH TYPE</b>	<b>TORQUE ACCURACY</b>
Impact wrench stall type	+/- 50%
Impact wrench with torque bar	+/- 20%
Hand torque wrench	+/- 2% to +/-25%
Air motor stall type	+/- 10% to +/-20%

It is therefore important that wrenches are calibrated on a regular basis.

Do not use the following values if a different torque is called up for a specific application. The values shown are for clean, lightly oiled, galvanised and zinc plated carbon steel fasteners. Always replace fasteners with the same property class. Torque is based on 65% of proof load.

### METRIC COARSE PITCH

<b>SIZE</b>	<b>CLASS 8.8</b>	<b>CLASS 10.9</b>	<b>CLASS 12.9</b>
	Nm	Nm	Nm
M6	9.0	13.0	15.0
M8	22.0	32.0	37.0
M10	44.0	63.0	73.0
M12	77.0	109.0	128.0
M16	190.0	270.0	316.0
M20	372.0	528.0	620.0
M24	640.0	914.0	1066.0



### SPECIFIC AGMASTER PARTS:

**UB3002**

**150 Nm** (approx 75% of recommended torque)

### IMPERIAL

<b>SIZE</b>	<b>SAE GRADE 5</b>		<b>SAE GRADE 8</b>		
	<b>INCHES</b>	<b>UNC</b>	<b>UNF</b>	<b>UNC</b>	<b>UNF</b>
		Ft.lbs	Ft.lbs	Ft.lbs	Ft.lbs
1/4	7.0	8.0	10.0	12.0	
5/16	15.0	17.0	21.0	23.0	
3/8	27.0	30.0	38.0	43.0	
7/16	43.0	48.0	61.0	67.0	
1/2	66.0	74.0	92.0	104.0	
9/16	94.0	105.0	133.0	149.0	
5/8	130.0	148.0	183.0	208.0	
3/4	231.0	258.0	326.0	364.0	
7/8	373.0	410.0	525.0	579.0	
1	558.0	610.0	787.0	826.0	



# ASSEMBLY INSTRUCTIONS

## **EMU TRACKER**

1. Ensure hose fits into boot. Maximum hose size boot will accept is 38mm O.D.  
Adaption will be necessary if hose O.D. is bigger.

2. If using liquid with seed ignore this step until after step 7  
Secure seeker wing/closer (14 or 15) to boot adaptor (3) using bolt assembly (7).

3. Secure point (1 or 2) in boot adaptor (3) using pin assembly (12,13). First, push R-clip over the end of 12mm pin then rotate 90° to ensure R-clip is positioned inside the groove as pictured on DETAIL "A".

**WARNING:** Do not set point in lowest position until at least 20mm of point depth has worn away. Selecting the lowest position setting when points are new will put the point tip outside the machine manufacturers working envelope and may VOID warranty.

4. If using optional dry fertiliser boot (9), secure it to boot adaptor (3) using bolt assembly (7).

5. If using liquid (either behind point or with seed), secure casing(s) (4) in boot boot adaptor (3) using bolt (11).

6. Mount seeding kit to module mount (5 or 8) using bolt assembly (6 or 7).

For Bourgault Paralink mount leg adaptor (5) to module using bolt assembly (6).

For Morris C2 mount leg adaptor (8) to module using bolt assembly (7).

**Please note:** If you have a Bourgault Paralink the third bolt hole is for your existing u-boot supplied with the machine.

7. If using liquid fertiliser behind point, feed flexible tube through casing (4) into the black point past the retaining roll pin.  
If using liquid with seed, feed flexible tube through the casing (4) to protrude out the bottom of boot adaptor approximately 25mm then fit the seeker wing (14) to the boot adaptor (3) feeding the flexible tubes through to the seed zone. Secure with bolt assembly (10).

8. Delivery hose into boot can be secured with a hose clamp (not supplied) or tek screw/bolt (not supplied).

9. Tighten all bolts (6,7,11).

10. Adjust presswheel to required seed depth.

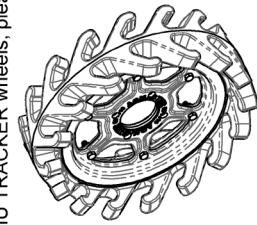
**IMPORTANT NOTE:**

The BA6200 Boot Adaptor has not been designed to work below ground level. If you do want to work deeper, you will need to maintain your BA6200 with some hard-face weld to help prevent excessive wear.

RE-TENSION ALL BOLTS AFTER 8hrs WORKING

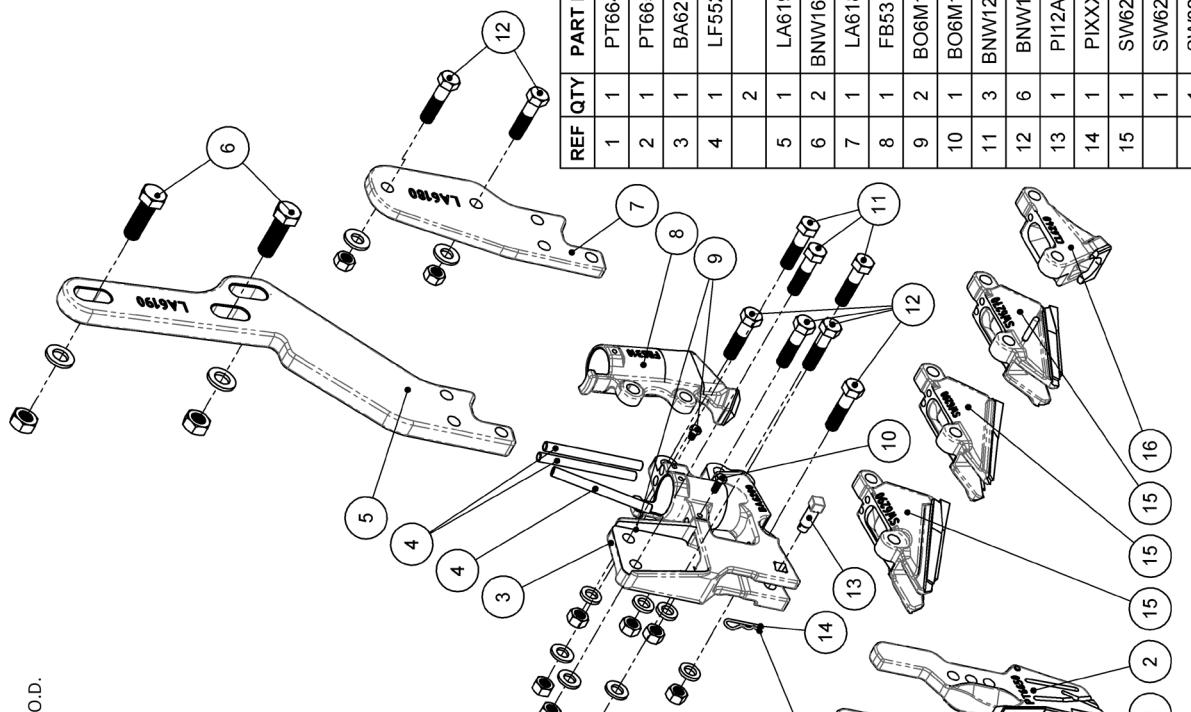
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If you are using EMU TRACKER wheels, please use the following instructions.

1. Before fitting, make sure the EMU TRACKER wheel is positioned in the correct direction to reduce string/twine being pick up by feet when it rolls.  
2. The EMU TRACKER wheel fits directly onto existing hub on your machine. Re-use nuts to fasten.



DETAIL "A"

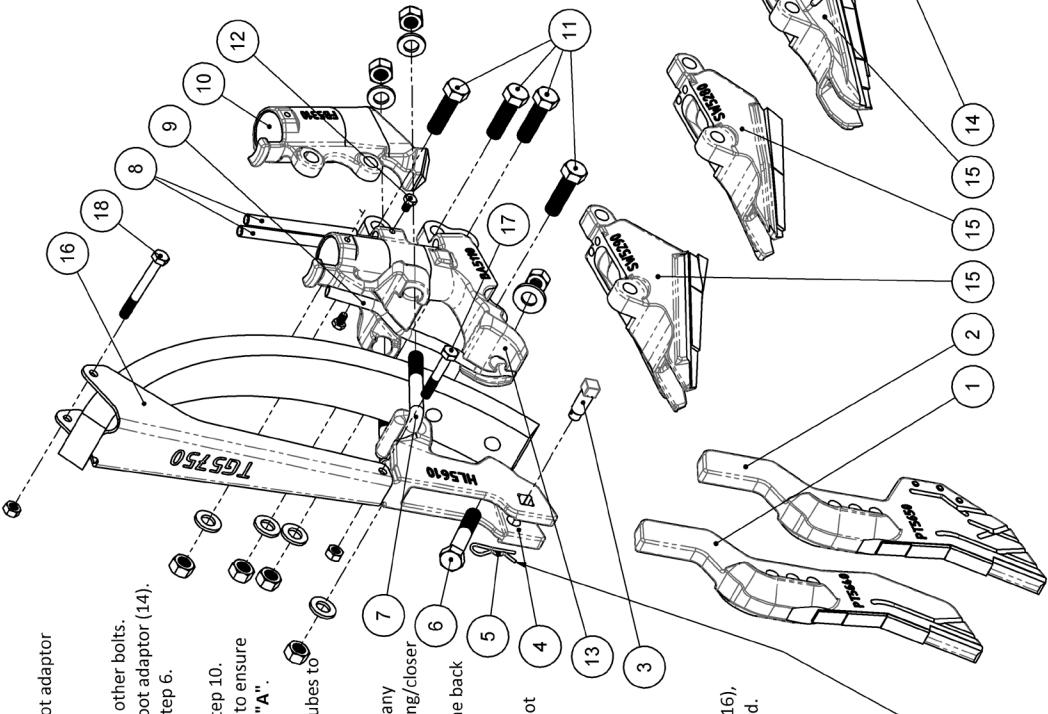
DWG No:  
**AI2030**

ASSY INSTRUCTIONS  
**MULTI BOOT MODULE for  
MORRIS QUANTUM,  
C2 & BOURGAULT PARALINK**

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# ASSEMBLY INSTRUCTIONS

REF QTY	PART No.	DESCRIPTION
1 1	PT5640/PT5660	ADJUSTABLE STD POINT
2 1	PT5650/PT5670	ADJUSTABLE LIQUID POINT
3 1	P112A41	PIN, 12mm SQUARE NECK
4 1	HL5610	POINT HOLDER
5 1	P1XXXX	R - CLIP OR SPLIT PIN
6 1	BNW122XX	BOLT, 1/2" x 2.3/4" OR 3", WASHER, CONELOCK NUT
7 1	UBN5611	U-BOLT, M12 80x64, WASHER, NYLOC NUT
8 2	LF5520	LIQUID WITH SEE CASING TUBE
9 1	LF5420/LF5530	LIQUID FERTILISER TUBE CASING TUBE
10 1	FB5310	DRY FERTILISER BOOT
11 4	BNW122	BOLT, 1/2" x 2", WASHER, CONELOCK NUT
12 2	BO6M10S	BOLT, M6 x 10mm HEX
13 1	BA5110/BA5120	BOOT ADAPTOR
14 1	CL5240	CLOSER 45mm
15 1	SW5270	SEEKER WING 75mm
16 1	SW5280	SEEKER WING 85mm
17 1	SW5290	SEEKER WING 95mm
18 1	TG5750	TRASH GUARD
17 1	BON8M45	BOLT, M8 x 45mm, NYLOC NUT
18 1	BON8M65	BOLT, M8 x 65mm, NYLOC NUT



DETAIL 'A'

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1. Ensure delivery hose fits into boot. Maximum hose size boot will accept is 38mm O.D. Adaption will be necessary if hose O.D. is bigger.
2. Bolt point holder (4) to tyne using tyne bolt assembly (6). DO NOT TIGHTEN. If using liquid fertiliser to the back of point lay casing LF5420 (9) into grooves at front of boot adaptor BA5110 (14). This tube can be curved to tyne shape later to prevent any fouling.

3. Use U bolt assembly (7) to secure point holder , tyne and boot adaptor (13). DO NOT TIGHTEN.

4. Align all parts to tyne and tighten u-bolt first, followed by all other bolts. If using liquid with seed, slide casing tube LF5520 (8) into boot adaptor (14). Fit loosely with M6 bolt BUT DO NOT TIGHTEN until after Step 6.

5. Secure point (1) into holder with pin (3) and R clip (5) until Step 10. First, push R-clip over the end of 12mm pin then rotate 90 ° to ensure R-clip is positioned inside the groove as pictured on DETAIL "A".

6. Feed any flexible liquid with the seed tubes through casing tubes to protrude approximately 25mm.

7. Fit seeker wings/closer (14,15) to boot adaptor (13) feeding any flexible liquid tubes through outlets to seed zone. Secure wing/closer (14,15) to boot adaptor (13) using bolt assembly (11). Feed any flex liquid fertiliser tubes through casing (9) into the back of point to desired depth.

8. If using optional dry fertiliser boot FB5310 (10), secure to boot adaptor (13) with bolt assembly (11).

9. Delivery hose into boot can be secured with a hose clamp (not supplied) or tek screw/bolt (not supplied).

10. Tighten all remaining bolts.

11. If fitting optional trashguards; Fit bolt (17) through guard (16), and holder (4). Fit bolt (18) behind tyne at top of trashguard. Do not overtighten(18).

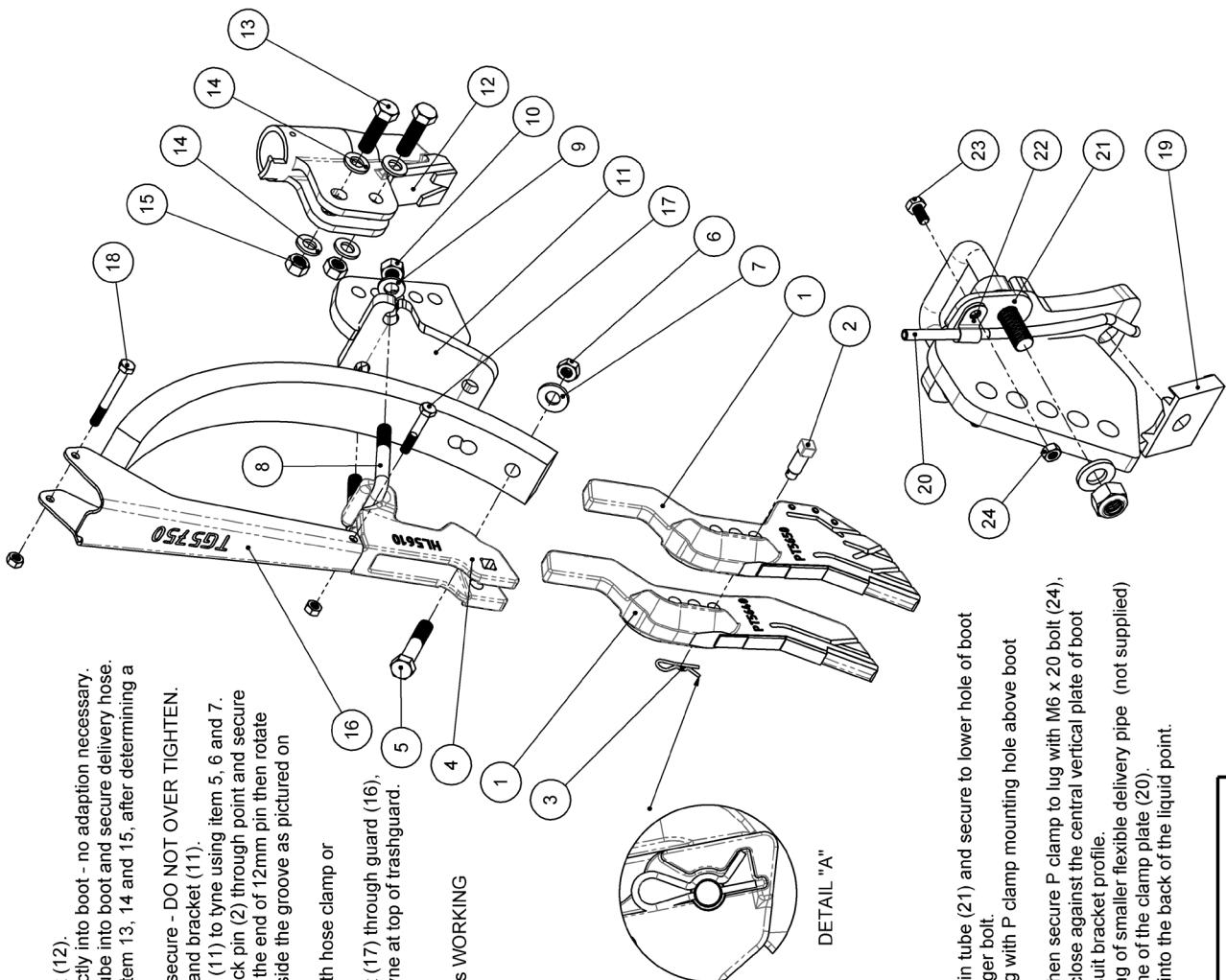
RE-TENSION ALL BOLTS AFTER 8hrs WORKING

# ASSEMBLY INSTRUCTIONS

POINT AND BOOT		
REF	QTY	DESCRIPTION
1	1	PT5640/PT5660 ADJUSTABLE STD POINT
1	1	PT5650/PT5670 ADJUSTABLE LIQUID POINT
2	1	P112A41 PIN - 12mm SQUARE NECK
3	1	P1432R R CLIP
4	1	HL5610 POINT HOLDER
5	1	BO123 BOLT, 1/2" x 3" UNF
6	1	BO12212 BOLT, 1/2" x 2 1/2" UNF
7	1	WA12MC CONICAL WASHER, M12
8	1	UB5611 U-BOLT, M12
9	2	WA12MC CONICAL WASHER, M12
10	2	NU12MNY NUT, M12 NYLOC
11	1	BR5810 BRACKET, TO SUIT TYNE
12	1	BT25XX BOOT - TO SUIT APPLICATION
13	2	BO122 BOLT, 1/2" x 2" UNF
14	4	WA12MC WASHER, M12 CONICAL
15	2	NU12CL NUT, 1/2" UNF
16	1	TG5750 TRASH GUARD
17	1	BON8M45 BOLT, M8 x 45mm, NYLCC NUT
18	2	BON8M65 BOLT, M8 x 65mm, NYLCC NUT

LIQUID ATTACHMENT		
REF	QTY	DESCRIPTION
19	1	LF2520 CLAMP PLATE - DOUBLE
		LF2510/30 CLAMP PLATE - SINGLE
20	1	LF2570/80 TUBE - 6mm OR 10mm
21	1	LF2550 P CLAMP WC
22	1	PC6S P CLAMP - 6mm
23	1	BO6M20 BOLT, M6 x 20mm
24	1	NU6MNY NUT, M6 NYLOC



## LIQUID ATTACHMENT

1. Place clamp plate (20) over S bend in tube (21) and secure to lower hole of boot bracket (11) and tie using 1/2" longer bolt.
2. Secure P clamp lug (22) to U bolt leg with P clamp mounting hole above boot bracket (11).
3. Fit P clamp (23) over the tube (21) then secure P clamp to lug with M6 x 20 bolt (24), washer and nut. Tube should fit up close against the central vertical plate of boot bracket (11) and can be curved to suit bracket profile.  
NOTE: Stainless tube (21) is a casing of smaller flexible delivery pipe (not supplied) and should finish close to the bottom of the clamp plate (20). The flexible delivery pipe continues into the back of the liquid point.

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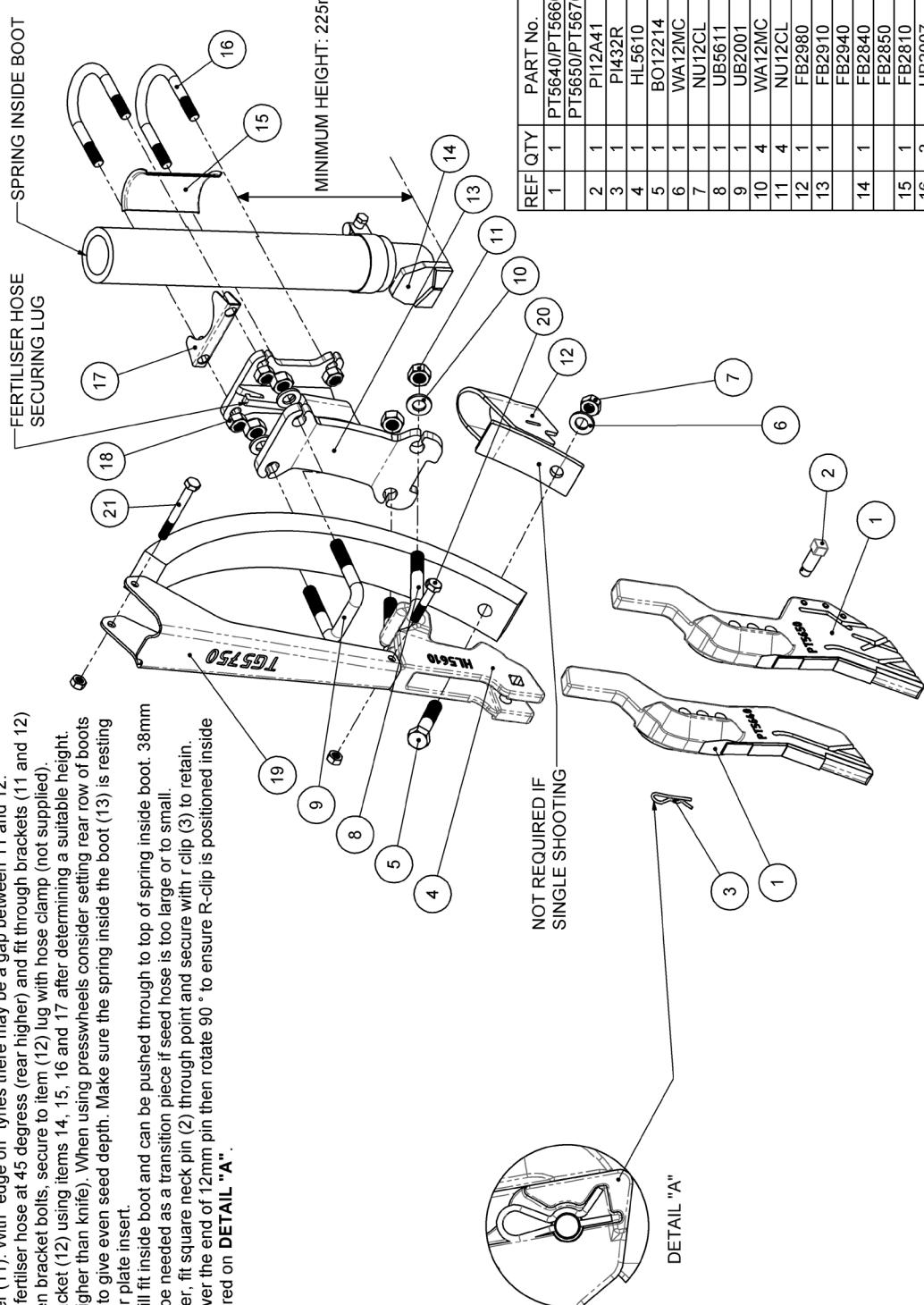
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# ASSEMBLY INSTRUCTIONS

**RE-TENSION ALL BOLTS AFTER 8hrs WORKING**

1. Loosely fit holder (4) and fertiliser hose holder (11) to tyne using items 5, 6 and 7.
2. Fit bracket (12) to tyne above item (11) using items 8, 9 and 10. On flat tynes the bracket (12) rests against holder (11). With "edge on" tynes there may be a gap between 11 and 12.
3. Cut the end of the fertiliser hose at 45 degrees (rear higher) and fit through brackets (11 and 12) until end is between bracket bolts, secure to item (12) lug with hose clamp (not supplied).
4. Fit boot (13) to bracket (12) using items 14, 15, 16 and 17 after determining a suitable height (normally 50mm higher than knife). When using presswheels consider setting rear row of boots 10 to 15mm lower to give even seed depth. Make sure the spring inside the boot (13) is resting on top of the closer plate insert.
5. Most seed hose will fit inside boot and can be pushed through to top of spring inside boot. 38mm OD poly pipe maybe needed as a transition piece if seed hose is too large or to small.
6. Fit point (1) to holder, fit square neck pin (2) through point and secure with r clip (3) to retain. First, push R-clip over the end of 12mm pin then rotate 90° to ensure R-clip is positioned inside the groove as pictured on **DETAIL "A"**.



REF	QTY	PART No.	DESCRIPTION
1	1	PT5640/PT5660	ADJUSTABLE STD POINT
		PT5650/PT5670	ADJUSTABLE LIQUID POINT
2	1	P112A41	PIN, 12mm SQUARE NECK
3	1	P1432R	R CLIP
4	1	HL5610	POINT HOLDER
5	1	BO12214	BOLT, 1/2" UNF x 2 1/4"
6	1	VVA12MC	WASHER, M12 CONICAL
7	1	NU12CL	NUT, 1/2" UNF
8	1	UB5611	U-BOLT, M12
9	1	UB2001	U-BOLT, M12
10	4	VVA12MC	WASHER, M12 CONICAL
11	4	NU12CL	NUT, 1/2" UNF
12	1	FB2980	FERTILISER HOSE HOLDER
13	1	FB2910	BRACKET - FLAT ON TYNE
14	1	FB2940	BRACKET - EDGE ON TYNE
15	1	FB2810	FLEXI BOOT - 40mm CLOSER
16	2	UB2007	FLEXI BOOT - 50mm CLOSER
17	1	FB2820	SADDLE
18	4	NU10MN	CLAMP
19	1	TG5750	NUT, M10 NYLOC
20	1	BON8M45	TRASH GUARD
21	1	BON8M65	BOLT, M8 x 45mm, NYLOC NUT

**DWG No:** AI2070    **ASSY INSTRUCTIONS**    **FLEXI BOOT AND POINT**

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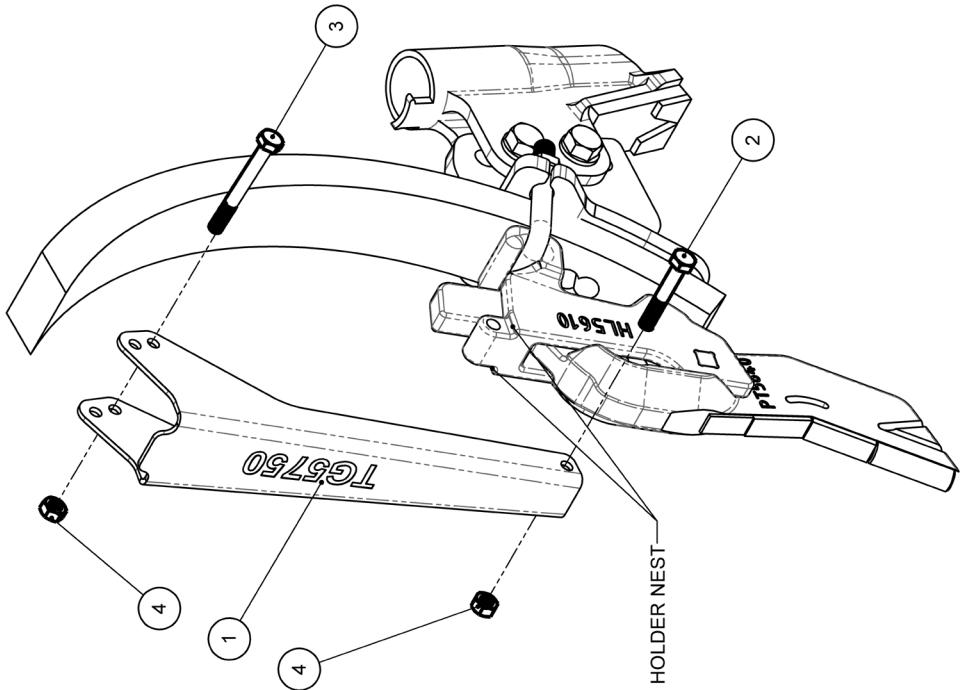
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## ASSEMBLY INSTRUCTIONS

RETENSION ALL BOLTS AFTER 8hrs WORKING

1. Fit bolt (2) through bottom hole of trashguard (1) and secure with nut, fit guard (1) to tyre making sure the lower edge is correctly located to the holder nest. Fit bolt (3) through the upper holes of trashguard and secure with nut (4).
2. Top of trashguard can be tapped against tyne to bend trashguard lug to expose closer holes for item (3).



REF	QTY	PART No.	DESCRIPTION
1	1	TG5730	FOR 50mm WIDE TYNES
		TG5750	FOR 28mm WIDE TYNES
2	1	B08M45	BOLT, M8 x 45mm, 8.8GR
3	1	B08M65	BOLT, M8 x 65mm, 8.8GR
4	2	NU8MMY	NUT, M8 NYLOCK

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## ASSEMBLY INSTRUCTIONS

### LIQUID ATTACHMENT

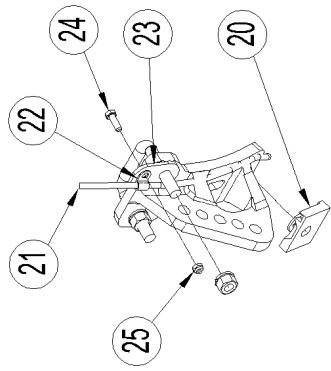
1. Place clamp plate (20) over S bend in tube (21) and secure to lower hole of boot bracket (11) and fitting using 1/2" longer bolt.
2. Secure P clamp lug (22) to U bolt leg with P clamp mounting hole above boot bracket (11).
3. Fit P clamp (23) over the tube (21) then secure P clamp to lug with M6 x 20 bolt, washer and nut. Tube should fit up close against the central vertical plate of boot bracket (11) and can be curved to suit bracket profile.

**NOTE:** Stainless tube (21) is a casing for smaller flexible delivery pipe (not supplied) and should finish close to the bottom of the clamp plate (20).

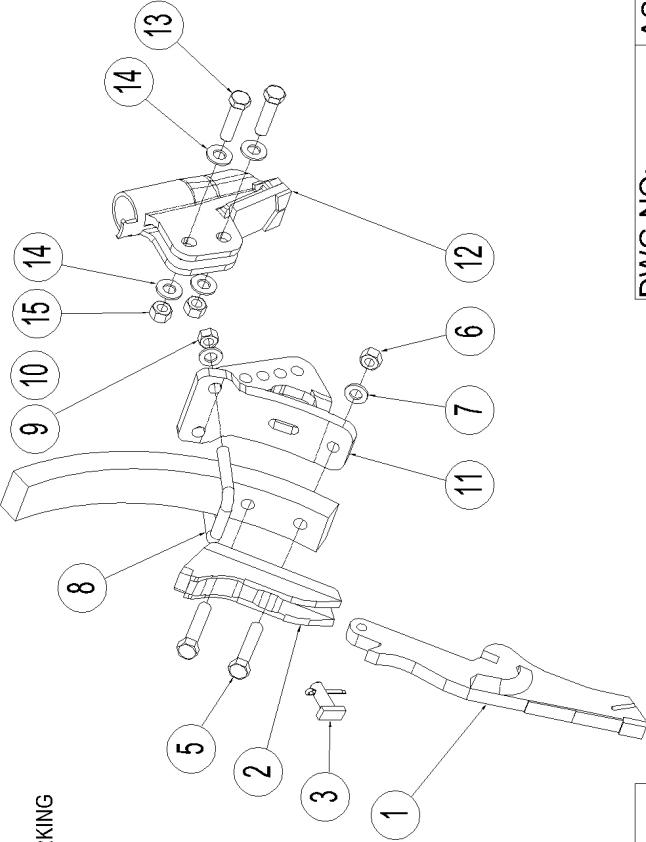
The flexible delivery pipe continues into the back of the liquid point.

### POINT AND BOOT

1. Make delivery hose adaption to boot (12). Delivery hose 32 -38 OD will fit directly into boot - no adaption necessary.
2. Bolt boot (12) to bracket (11) using items 13, 14 & 15, after determining a suitable height.
3. Loosely bolt holder (2) and bracket (11) to tyne using items 5, 6, & 7.
4. Fit U bolt (8 ) using item 9 & 10 to secure - DO NOT OVER TIGHTEN. Tighten nuts (6) securing holder (2) and bracket (11).
5. Fit point (1) into holder (2), fit lynch pin (3) through point and secure with loop over end of point (1) to retain.
6. Secure delivery hose to boot (12) with hose clamp or Tek screw (not supplied).



**RETENTION ALL BOLTS AFTER 8 hrs WORKING**



Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

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**DWG NO:**  
**A11020**

**ASSY INSTRUCTIONS**

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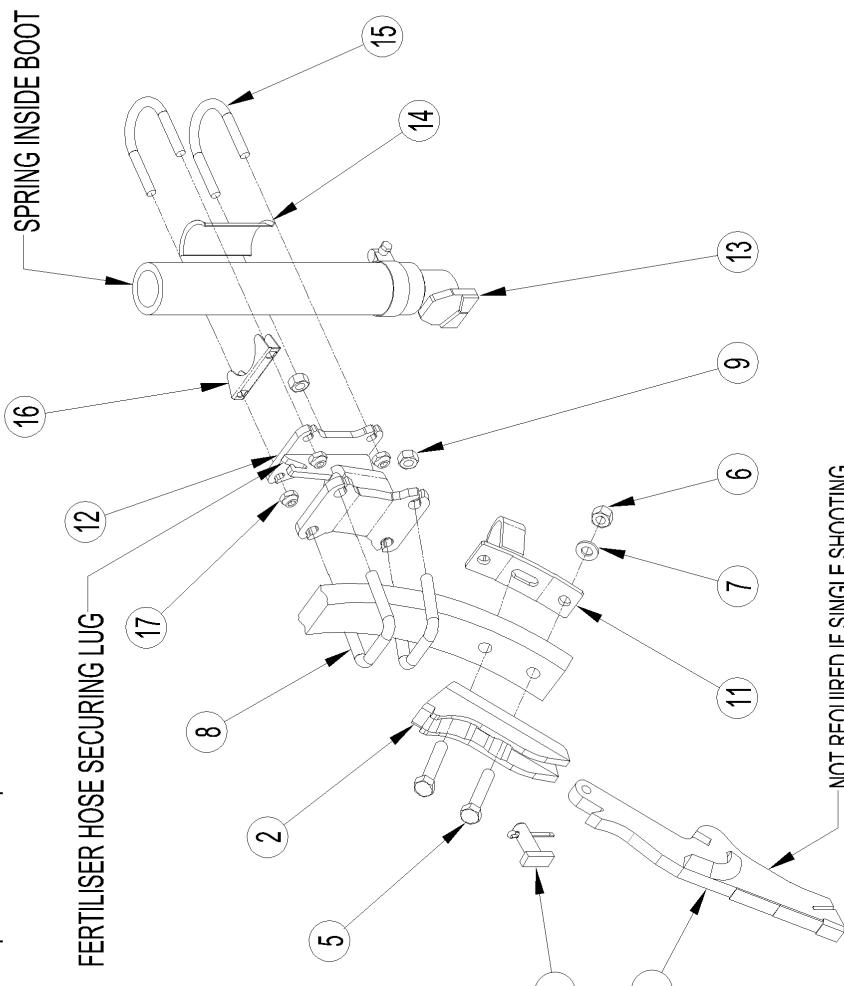
REF	QTY	PART No	DRG SIZE	DESCRIPTION
1	1	PT11XX		POINT - TO SUIT TYNE
2	1	HL11XX		HOLDER - TO SUIT TYNE
3	1	TSP		T PIN & SPLIT PIN
5	2	BO716CL		NUT 7/16" UNF
6	2	BO123		BOLT 1/2" UNF X 3"
7	2	WA12MC		CONICAL WASHER M12
8	1	UB2002		U BOLT FOR UP TO 28 WIDE TYNES
9	2	NU12MN		NYLOC NUT M12
10	2	WA12MC		CONICAL WASHER M12
11	1	BR20X0		BRACKET - TO SUIT TYNE
12	1	BT25XX		BOOT - TO SUIT APPLICATION
13	2	BO122		BOLT 1/2" UNF X 2'
14	4	WA12MC		CONICAL WASHER M12
15	1	NU12CL		NYLOC NUT M6
20	1	LF2510/30		CLAMP PLATE - SINGLE
21	1	LF250		CLAMP PLATE - DOUBLE
22	1	LF2550		TUBE - 6 mm OT 10 mm
23	1	PC6S		P CLAMP - 6 mm
24	1	UB1003		BOLT M6 X 20
25	1	PC6N		P CLAMP WC

DOUBLE QUANTITIES OF ITEMS 21 TO 26 INCL FOR DOUBLE KIT				
25	1	NU6MNY		NYLOC NUT M6
24	1	PC6S		P CLAMP - 6 mm
23	1	PC6N		P CLAMP WC
22	1	LF2550		TUBE - 6 mm OT 10 mm
21	1	LF2570/80		CLAMP PLATE - DOUBLE
20	1	LF250		CLAMP PLATE - SINGLE

## ASSEMBLY INSTRUCTIONS

1. Fit holder (2) and fertiliser hose holder (11) to tyne using items 5, 6 & 7.
2. Fit bracket (12) to tyne above item 11 using items 8, 9 & 10. On flat tyres the bracket (12) rests against holder (11). With edge on' tyres there will likely be a gap between 11 & 12.
3. Cut the end of the fertiliser hose at 45 degrees (rear higher) and fit though brackets (11 & 12) until end is between bracket bolts, secure to item 12 lug with hose clamp (not supplied). Bracket 11 is reversable for higher or lower securing of the fertilizer tube.
4. Fit boot (13) to bracket (12) using items 14, 15, 16 & 17 after determining a suitable height (normally 50mm higher than knife). When using presswheels consider setting rear row of boots 10 to 15 mm lower to give even seed depth. Make sure the spring inside the boot (13) is resting on top of the closer plate insert.
5. Most seed hose will fit inside boot and can be pushed through to top of spring. Inside boot. 38 mm OD poly pipe may be needed as a transition piece if seed hose is too large or too small.
6. Fit point (1) to holder (2), fit lynch pin (3) through point and secure with loop

RETENSION ALL BOLTS AFTER 8 hrs WORKING



	REF	QTY	PART No	DRG SIZE	DESCRIPTION
1	1	1	PT11XX	POINT - TO SUIT TYNE	
2	2	1	HL11XX	HOLDER - TO SUIT TYNE	
3	1	1	TSP	T PIN & SPLIT PIN	
4	3	1	1000 NOTIFS	1000 NOTIFS	
5	5	2	BO1212	BOLT 1/2" UNF X 2 1/2"	
6	6	2	NU716CL	NUT 7/16" UNF	
7	7	2	WA12MC	CONICAL WASHER M12	
8	8	1	UB2001	U BOLT FOR 50 WIDE TYNES	
9	9	2	NU12MNY	NYLOC NUT M12	
10	10	1	FB2800	FERTILISER HOSE HOLDER	
11	11	1	FB27XX	BRACKET - TO SUIT TYNE	
12	12	1	FB28XX	BOOT - TO SUIT APPLICATION	
13	13	1	FB2800	SADDLE	
14	14	1	FB2810	U BOLT	
15	15	2	UB2007	CLAMP	
16	16	1	FB2820	NYLOC NUT M10	
17	17	4	NU10MN		

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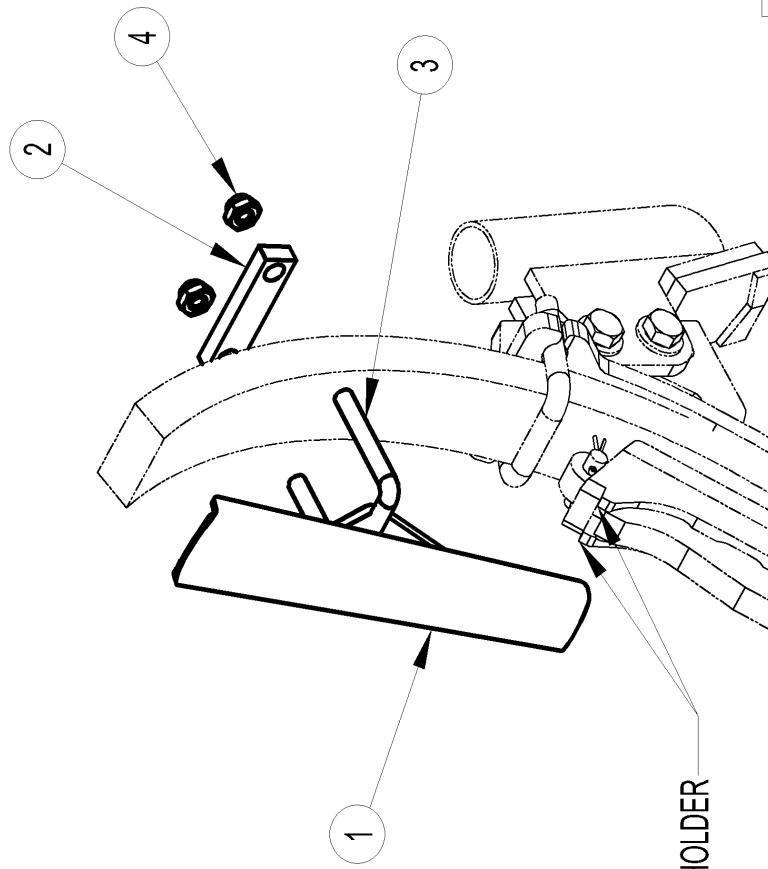
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## ASSEMBLY INSTRUCTIONS

1. fit U bolt (3) through guard (1) to tyne making sure the lower edge is correctly located in the lugs of holder. Fit lug (2) over U bolt (3) and secure with nuts (4) - DO NOT OVER TIGHTEN.

RETENSION ALL BOLTS AFTER 8 hrs WORKING



LUGS OF HOLDER

REF	QTY	PART No	DRG SIZE	DESCRIPTION
4	2	NU10MNY		NYLOC NUT M10
3	1	UB1003		U BOLT FOR 50 WIDE TYNES
3	1	UB1004		U BOLT FOR 28 WIDE TYNES
2	1	TG1175		LUG - FOR 50 WIDE TYNES
2	1	TG1173		LUG - FOR 28 WIDE TYNES
1	1	TG1170		TRASHGUARD

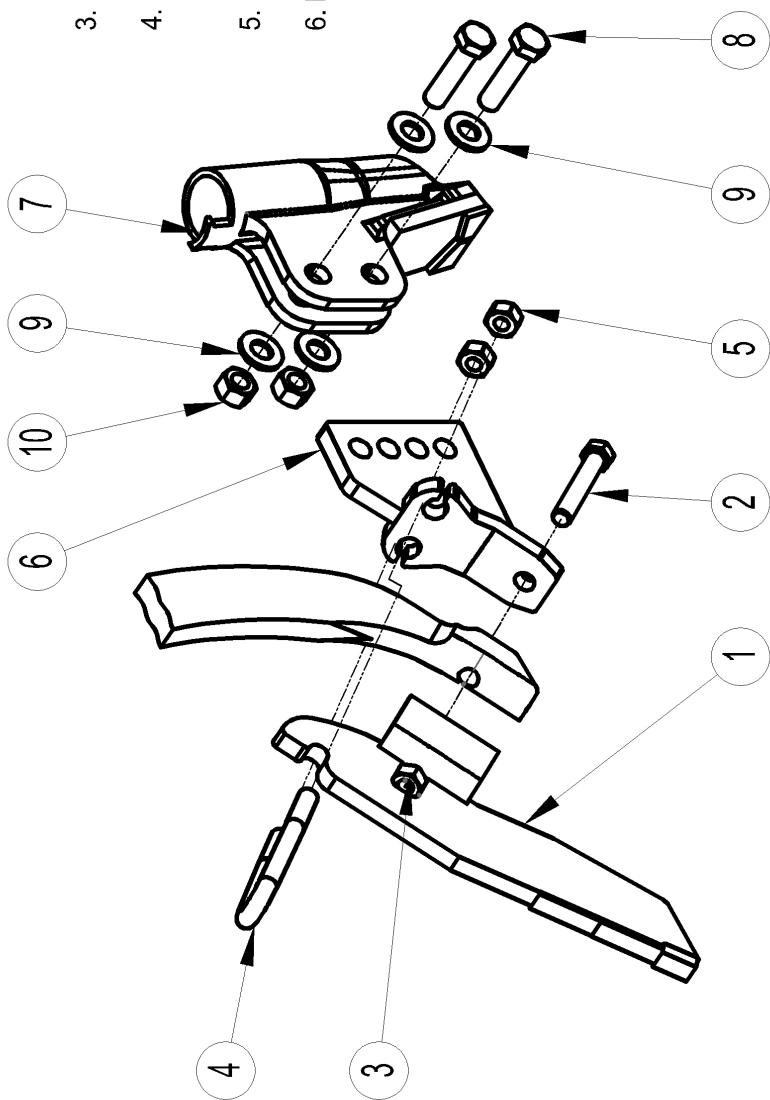
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DWG NO:  
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TRASH GUARD

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## ASSEMBLY INSTRUCTIONS

1. Make delivery hose adaption to boot (7).  
Some common methods are (depending on delivery hose size).
  - \* Fix a short piece of 1 1/4" or 32 mm poly pipe with a maximum 38 mm OD into boot. Most hoses will plug inside or over outside of this pipe.
  - \* Fix delivery hose directly into boot.
  - \* Weld suitable size pipe sleeve onto boot (7) to accept delivery hose.
2. Bolt boot (7) to bracket (6) using items 8, 9 & 10, after determining a suitable height.
3. Loosely bolt point (1) and bracket (6) to tyne using items 2, & 3.
4. Loosely fit U bolt (4) around top of point and secure thru bracket (6) with nuts (5).
5. Tighten bolt (2).
6. Nip up bolt (4) - **DO NOT OVER TIGHTEN**



10	2	NU12CL	NUT 1/2" UNF
9	4	WA12MC	CONICAL WASHER M12
8	2	BO122	BOLT 1/2" UNF X 2"
7	1	BT25XX	BOOT - TO SUIT APPLICATION
6	1	BR22XX	BRACKET - TO SUIT TYNE
5	2	NU12MNY	NUT M12
4	1	UB2003	U BOLT FOR SCARIFIERS
4	1	UB2004	U BOLT FOR SEEDERS
3	1	NU12CL	NUT 1/2" UNF FOR SCARIFIERS
3	1	NU716CL	NUT 7/16" UNF FOR SEEDERS
2	1	BO12214	BOLT 1/2" UNF X 2 1/4" FOR SCARIFIERS
2	1	BO716212	BOLT 7/16" UNF X 2 1/2" FOR SEEDERS
1	1	PT18XX	POINT - TO SUIT TYNE
REF	QTY	PART No	DRG SIZE DESCRIPTION

DWG NO: **A1010** ASSY INSTRUCTIONS  
NT08 POINTS AND BOOTS

RETENTION ALL BOLTS AFTER 8 hrs WORKING

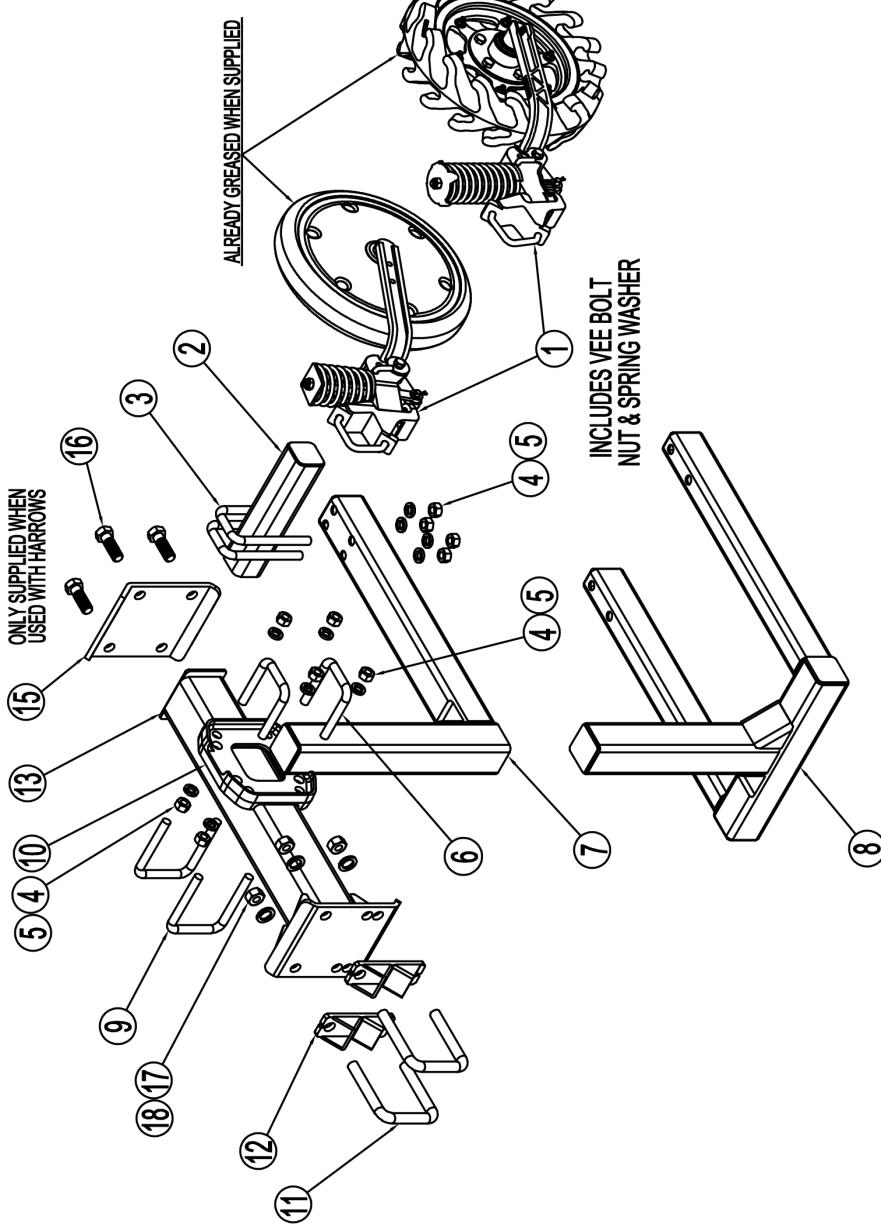
## ASSEMBLY INSTRUCTIONS

### **WARNING: FOLD MACHINE VERY CAREFULLY THE FIRST TIME AFTER FITTING ATTACHMENTS, LOOK FOR FOULS**

**RE-TENSION ALL BOLTS AFTER 8 hrs WORKING**

#### **PRESS WHEEL ASSEMBLY WITHOUT HARROWS**

1. For each section determine 2 available spaces, minimum 20 cm, approximately 1/4 distance in from ends of section. ie 4 m section, locate extensions (13) as close to 1 m in from each end as spaces permit.
2. With extensions fitted attach dropper (7 or 8) and locator plate (10) and determine breakout clearance behind last rank of tines with RHS (2) at 42 cm to 45 cm from bottom of RHS (2) to working ground level.
3. Fit RHS (2) above or below it as determined in step 2. Leave 5 cm gap between ends of RHS (2) to ensure clearance for machine movement. If supplying own RHS cut to width of machine sections less 5 cm for machine movement.
4. Position and fix press wheel assemblies in line with tines. If Vee bolt interferes with droppers (7 or 8), adjust position of extension (13).
5. Adjust down pressure as required.



Use one of our online building tools for Seeding Kits and Presswheels to help you with specific part numbers, calculations and prices.

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DWG NO:  
**AI1065**

ASSY INSTRUCTIONS

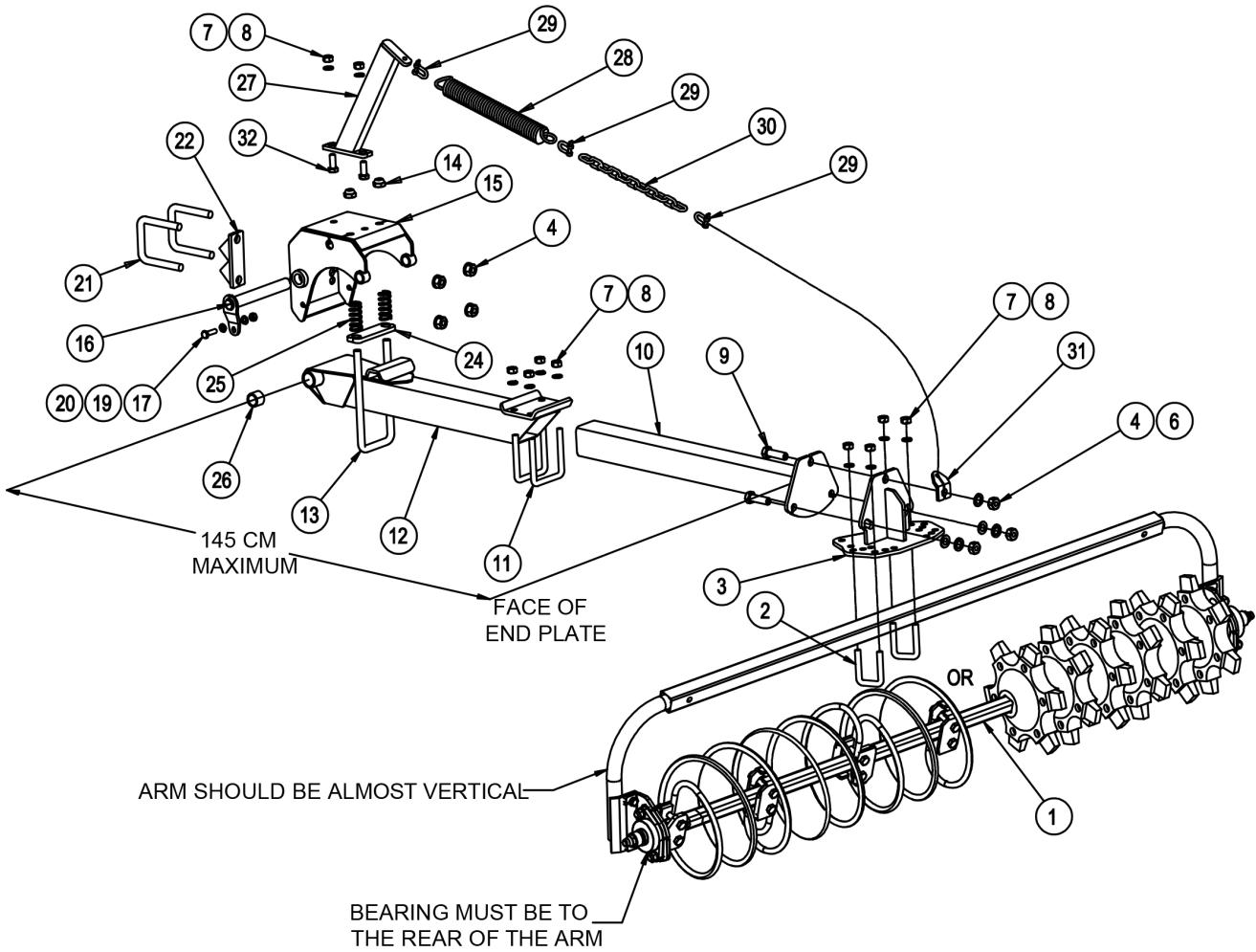
PRESS WHEELS

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## ASSEMBLY INSTRUCTIONS

**WARNING: FOLD MACHINE VERY CAREFULLY THE FIRST TIME AFTER FITTING ATTACHMENTS, LOOK FOR FOULS**

**RE-TENSION ALL BOLTS AFTER 8 hrs WORKING**



17	1	BO12M40	BOLT, M12 x 40mm HEX
16	1	HS3040	A4 PIVOT PIN
15	1	HS3030	A4 HEADSTOCK
14	2	NU20MNY	NUT, M20 NYLOC
13	1	UB3001	A4 U-BOLT, M20
12	1	TA3120	A4 OUTER ARM
11	2	UB3002	A4 U-BOLT, M16
10	1	TA3130	A4 INNER ARM
9	3	BO20M60	BOLT, M20 x 60mm HEX
8	8/10	WA16MC	WASHER, M16 CONICAL
7	8/10	NU16MZP	NUT, M16
6	2	WA20MC	WASHER, M20 CONICAL
5			
4	7	NU20MZP	NUT - M20
3	1	HA3310	A4 TURNTABLE
2	2	UB3003	A4 U BOLT - M16
1	1	HA3740/50	HARROW GANG ASSEMBLY - COIL
1	1	HA3240/50/60	HARROW GANG ASSEMBLY - STAR
REF	QTY	PART No	DRG SIZE
			DESCRIPTION

18			
19	1	WA12MC	WASHER, M12 CONICAL
20	1	NU12MNY	NUT, M12 NYLOC
21	2	UB3004	A4 U-BOLT, M20 x 135 x 102 FOR 100 x 100 SQUARE
21	2	UB3006	A4 U-BOLT, M20 x 150 x 122 ON DIAMOND
22	2	HS3080	A4 CLAMP PLATE FOR UB3006 ON DIAMOND
21	4	BO20M120	A4 BOLT, M20 X 120, W/ WASHER & NUT FOR 75 x 75 SQ
22	2	HS3070	A4 CLAMP PLATE FOR BO20M120 ON 75 x 75 SQUARE
24	1	HS3090	A4 SPRING PLATE - NOT REQD ON NON FOLD M/C
25	2	SP3011	A4 SPRING - NOT REQD ON NON FOLD M/C
26	2	TA3123	BUSH - HARROW ARM
27	1	HK3610	A4 TENSION SPRING ARM
28	1	SP3012	A4 TENSION SPRING
29	3	SH10D	SHACKLE
30	1	CH8	CHAIN
31	1	HK3620	A4 LIFTING LUG
32	2	BO16M40	BOLT, M16 x 40mm HEX

See sheet 2 for assembly instructions



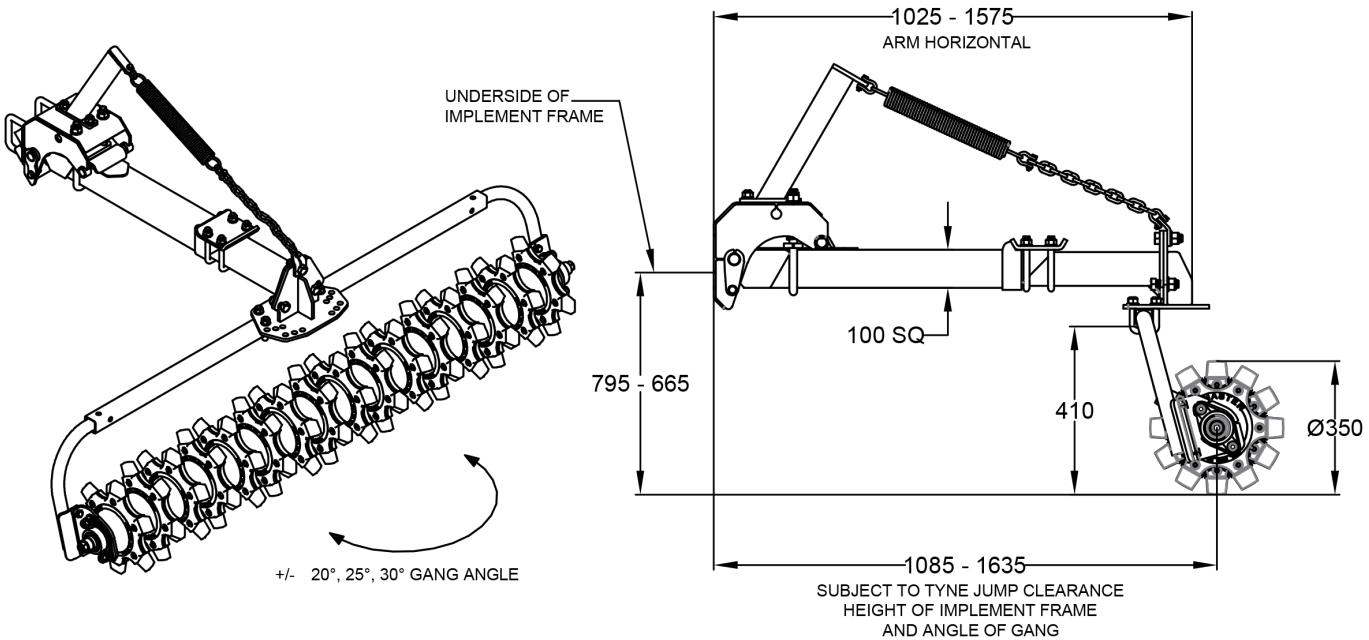
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DWG NO: **AI1050** ASSY INSTRUCTIONS  
HARROWS SHEET 1 OF 2

## ASSEMBLY INSTRUCTIONS



**WARNING: FOLD MACHINE VERY CAREFULLY THE FIRST TIME AFTER FITTING ATTACHMENTS, LOOK FOR FOULS**

1. Lay harrow gangs behind the bar (with bearings upwards & U arms forwards) to determine suitable mounting positions.  
Spaces for the mountings need to be a minimum of 20 cm wide.
  2. Mount headstock (15) on rear bar with U bolt (21). If a mounting position is not central to the gang because of an obstruction, find a space close to the centre of the gang (towards the leading end of the gang is preferable).
  3. Fit tension spring arm (27) to headstock (15).
  4. Mount outer arm (12), large U bolt (13), spring plate (24) and springs (25) to headstock (15). (spring plate (24) & springs (25) not supplied on combines). Fit inner arm (10) into outer arm (12) and secure with U bolts (11).
- ENSURE EXTENDED LENGTH OF ARM DOES NOT EXCEED 145 cm AS SHOWN IN THE DIAGRAM**
5. Loosely mount turntable (3) to inner arm (10).
  6. Bolt gang (1) to turntable (3) at desired angle (20°, 25°, 30° or 35°) using U bolts (2), suggested initial setting of 25°.  
Gangs can be set all one way or half one way half the other.

**IMPORTANT: BEARING ASSEMBLIES MUST BE TOWARDS THE REAR WITH U ARM ALMOST VERTICAL - SEE DIAGRAM.**

7. Lower machine to desired working depth.
8. Tighten the turntable (3) to inner arm (10) so the leading end of the gang (1) is about 2 cm higher than the trailing end (leading end tends to dig in).
9. Adjust large U bolt (13) to within 1 cm of the underside of outer arm (12). This U bolt lifts the gang in transport.
10. Fit lifting lug (32) to turntable (3). Adjust length of chain (31) to carry approximately half of the harrow weight.

\* Depending on conditions, altering the turntable (3) angle and tension of spring (28) will vary harrow finish.  
Test with one gang before adjusting the rest.

\* Taking more weight with the spring can have a greater effect than changing the angle of the gang.

\* On tillage machines with less than 100 mm square RHS stiffening may be required between ranks near the headstock mount position.

\* Grease bearings weekly. Do not over grease as seals may be damaged.

\* Retension all bolts after 8 hours working.

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HARROWS SHEET 2 OF 2

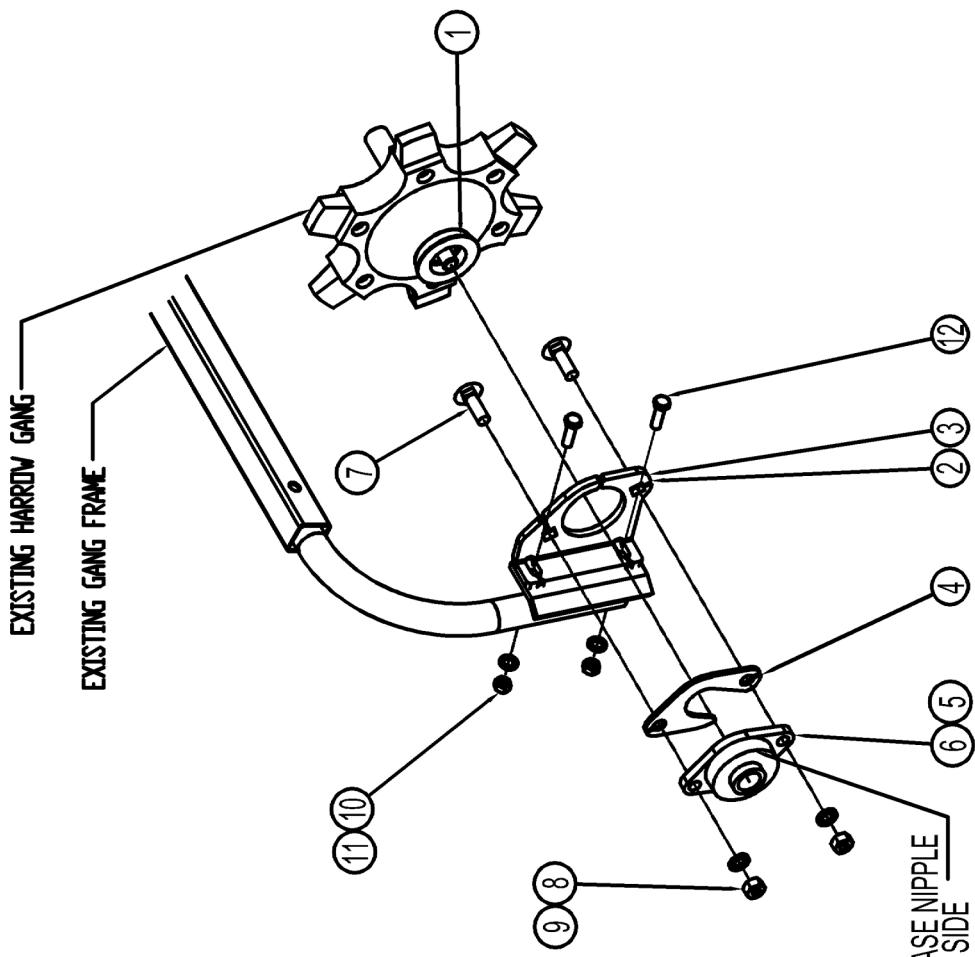


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## ASSEMBLY INSTRUCTIONS

NOTE ITEMS 2 TO 9 INCL ARE SUPPLIED AS TWO ASSEMBLIES

RETENSION ALL BOLTS AFTER 8 hrs WORKING



1. Remove existing bearings, washers, spacers and hardware.
2. Ensure stars are central on axle, knock them along if necessary.
3. Slide crown slinger (1) onto each end as shown.
4. Fit bearing assemblies to each end ensuring bearing sits against slinger.
5. Bolt one end of gang assembly to gang frame ensuring slot in item 4 faces down and bearing is to rear of gang frame.
6. Bolt other end together, if holes do not line up stretch the gang frame to allow bolts to fit.

REF	QTY	PART No	DRG SIZE	DESCRIPTION
12	4	BO12M40	M12 X 40 BOLT	
11	4	WA12MC	CONICAL WASHER - M12	
10	4	NU12MN/Y	M12 NYLOCK	
9	4	WA16MC	CONICAL WASHER - M16	
8	4	NU16M2P	M16 NUT	
7	4	BO16M50CUP	M16 X 50 CUP HEAD SQUARE NECK BOLT	
6	2	BE114UCR3	BEARING - UC207-20R3	
5	2	BE114FL	FLANGED HOUSING	
4	2	HA3372	SPACER PLATE	
3	1	HA3381	BRACKET LEFT HAND	
2	1	HA3371	BRACKET RIGHT HAND	
1	2	HA3400	CROWN SLINGER	

\* Grease bearings weekly. Do not over grease as seals may be damaged

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DWG NO:	ASSY INSTRUCTIONS
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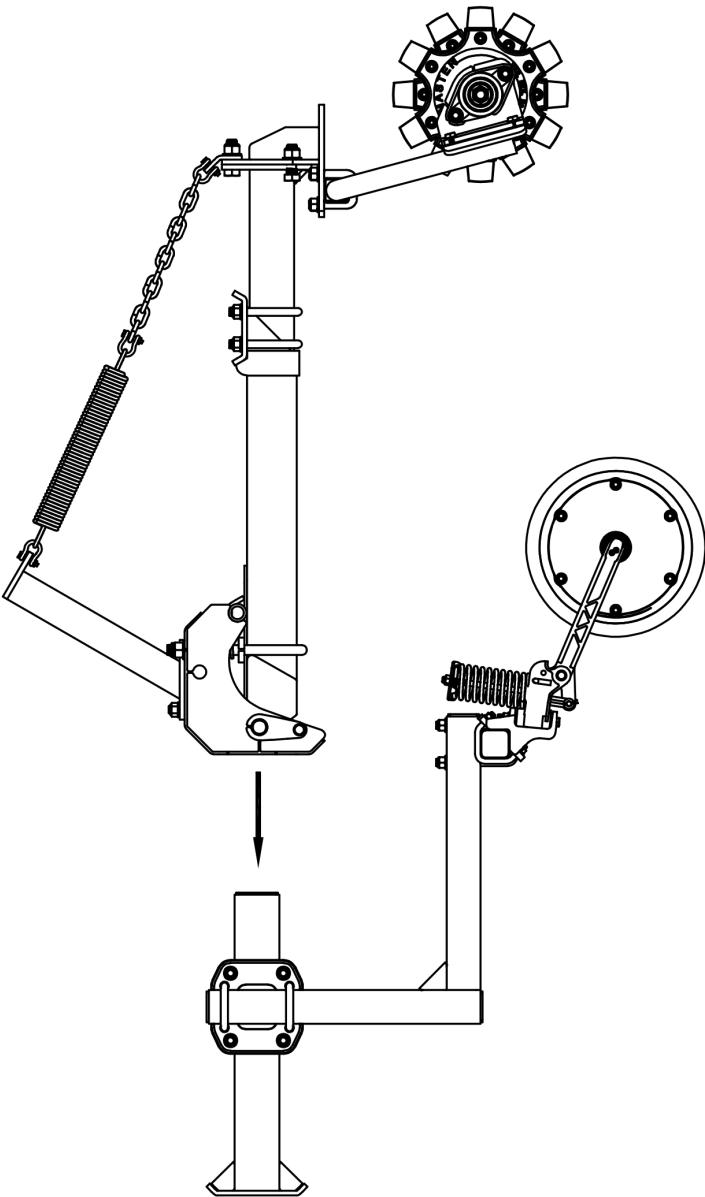
## PRESSWHEELS & HARROWS IN COMBINATION PLEASE READ IN CONJUNCTION WITH AI1065

### IF HARROWS ARE MOUNTED ALREADY

1. Remove harrow headstock from bar and replace with extension (13). Follow steps 2 to 5 in "Press wheel assembly without harrows". Ensure RHS (2) is mounted as far forward as possible without interfering with the breakout to leave maximum room for harrows.
6. Remount harrow headstock to extension (13), level harrows if necessary.

### IF MOUNTING WITH NEW HARROWS

1. Lay harrow gangs behind the machine to determine best mounting positions, spaces for mounting need to be a minimum of 20 cm wide. If a mounting position is not central to the gang because of an obstruction, find a space close to the centre of the gang (towards the leading end of the gang is preferable). Follow steps 2 to 5 in "Press wheel assembly without harrows".



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BA5110	\$70.00	8	CL2495	\$25	41	HA3460	\$160.00	51
BA5120	\$70.00	8	CL2495HF	\$18.00	41	HA3500	\$78.00	51
BA5140	\$70.00	8	CL2496	\$28.00	41	HA3510	\$25.00	51
BA6200	\$95.00	24	CL2496HF	\$21.00	41	HA3520	\$5.50	49
BA6260	\$95.00	24	CL2844	\$25.00	18,37,41	HA3520X100	\$500.00	49
BE114FL	\$12.00	49,50	CL2845	\$25.00	18,37,41	HA3710	\$24.00	49
BE114UCR3	\$20.00	49,50	CL5240	\$50.00	8	HA3720	\$13.00	49
BE1228	\$2.00	61	CL6240	\$50.00	24	HA3740	\$1270.00	47
BE1237	\$3.00	61	FB2710	\$65.00	37	HA3750	\$1470.00	47
BE1740	\$4.00	62	FB2740	\$65.00	37	HC52T	\$5.00	18,37
BR2010	\$55.00	33	FB2810	\$5.00	18,37	HC2145	\$3.00	18,37
BR2030	\$55.00	33	FB2820	\$5.00	18,37	HK3610	\$70.00	49,50
BR2040	\$55.00	33	FB2834	\$50.00	18,37	HK3620	\$8.00	49,50
BR2050	\$55.00	33	FB2835	\$50.00	18,37	HL1100	\$20.00	31
BR2060	\$55.00	33	FB2840	\$95.00	18,37	HL1110	\$20.00	31
BR2070	\$55.00	33	FB2850	\$95.00	18,37	HL5600	\$25.00	9,13,17
BR2080	\$55.00	33	FB2870	\$35.00	18,37	HL5610	\$25.00	9,13,17
BR2090	\$55.00	33	FB2910	\$65.00	18	HL7710	\$30.00	26
BR2110	\$55.00	33	FB2940	\$65.00	18	HS3030	\$300.00	49
BR2160	\$100.00	46	FB5310	\$50.00	8,24	HS3040	\$40.00	49
BR2210	\$50.00	44	FB5350	\$110.00	25	HS3070	\$13.00	49
BR2220	\$50.00	44	FB6410	\$50.00	27	HS3080	\$20.00	49,58
BR2240	\$50.00	44	FBH2800	\$20.00	37	HS3090	\$15.00	49
BR2250	\$50.00	44	FBH2980	\$20.00	18	HSP3050	\$22.00	56,57
BR2260	\$50.00	44	FE4010	\$170.00	58	LA6180	\$65.00	24
BR5810	\$55.00	13	FE4015	\$340.00	58	LA6190	\$95.00	24
BR5840	\$55.00	13	FE4020	\$40.00	58	LF2510	\$20.00	14,39
BT2370	\$125.00	13,33,44	FE4030	\$270.00	58	LF2520	\$22.00	14,39
BT2380	\$125.00	13,33,44	HA3240	\$1420.00	47	LF2530	\$20.00	14,39
BT2390	\$170.00	13,33,44	HA3250	\$1620.00	47	LF2540	\$22.00	14,39
BT2398	\$10 p/set	13,33,44	HA3260	\$1820.00	47	LF2550	\$6.00	14,39
BT2399	\$23.00	13,33,44	HA3310	\$150.00	47,49	LF2570	\$7.00	14,39
BT2540	\$60.00	13,33,44	HA3340	\$210.00	49	LF2580	\$7.00	14,39
BT2550	\$60.00	13,33,44	HA3350	\$230.00	49	LF5420	\$10.00	8
BT5540	\$75.00	25	HA3360	\$250.00	49	LF5520	\$5.00	8,24
CA65	\$10.00	57,58	HA3370	\$90.00	49,50	LF5530	\$7.00	8
CF7160	\$140.00	27,55	HA3371	\$45.00	49,50	PC6S	\$2.00	14,39
CF7360	\$280.00	27	HA3372	\$7.00	49,50	PC10S	\$2.00	14,39
CF7560	\$280.00	27,55	HA3380	\$90.00	49,50	PI3MIN	\$1.20	59-61
CH8X500	\$10.00	49,50	HA3381	\$45.00	49,50	PIR41	\$2.20	9,12,17,24,63
CL2440	\$25.00	41	HA3390	\$27.00	51	PIR45	\$2.20	9,12,17,24,63
CL2474	\$25.00	41	HA3410	\$7.00	51	PT1120	\$70.00	32
CL2494	\$25.00	41	HA3440	\$140.00	51	PT1120R	\$70.00	32
CL2494HF	\$18.00	41	HA3450	\$150.00	51	PT1130	\$120.00	32

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PT1150	\$100.00	32
PT1160	\$80.00	32
PT1160R	\$80.00	32
PT1170	\$110.00	32
PT1190	\$110.00	32
PT1190R	\$110.00	32
PT1560	\$135.00	46
PT1560R	\$135.00	46
PT1580R	\$110.00	40
PT1810	\$75.00	44
PT1820	\$75.00	44
PT1830	\$75.00	44
PT1840	\$75.00	44
PT1850	\$75.00	44
PT1860	\$75.00	44
PT1865	\$90.00	44
PT1890	\$115.00	44
PT1930	\$55.00	40,44
PT1940	\$65.00	40
PT1962	\$85.00	40
PT1963	\$100.00	40
PT1964	\$105.00	40
PT5040	\$80.00	27
PT5050	\$110.00	27
PT5060	\$80.00	25
PT5070	\$110.00	25
PT5640	\$90.00	9,12,17
PT5650	\$120.00	9,12,17
PT5660	\$90.00	9,12,17
PT5670	\$120.00	9,12,17
PT6040	\$80.00	27
PT6050	\$110.00	27
PT6640	\$85.00	24
PT6650	\$110.00	24
PT6660	\$85.00	24
PT6670	\$110.00	24
PT6710	\$140.00	24
PT6720	\$95.00	24
PT7760	\$105.00	26
PW4000	\$280.00	61
PW4200	\$200.00	62
PW4210	\$180.00	62

Part No	Price ex GST	Page
PW4220	\$180.00	62
PW4230	\$180.00	62
PW4251	\$5.00	62
PW4265	\$5.00	59,60
PW4266	\$5.00	59,60
PW4275	\$3.00	59
PW4276	\$5.00	59,60
PW4290	\$80.00	59
PW4300	\$115.00	62
PW4310	\$95.00	62
PW4320	\$95.00	62
PW4330	\$95.00	62
PW4350	\$40.00	62
PW4360	\$30.00	62
PW4370	\$10.00	62
PW4380	\$4.00	62
PW4390	\$5.00	62
PW4405	\$90.00	61
PW4415	\$5.00	61
PW4420	\$90.00	61
PW4430	\$90.00	61
PW4440	\$20.00	53,62
PW4450	\$50.00	61
PW4460	\$0.80	61
PW4470	\$1.20	61
PW4480	\$4.00	61
PW4500	\$70.00	61
PW4550	\$8.00	60,61
PW4560	\$20.00	60,61
PW4570	\$2.00	60,61
PW4580	\$7.00	59-61
PW4590	\$5.00	59-61
PWR4285	\$6.00	60
PWS57	\$2.00	60,61
SC825	\$0.20	62
SE36P6641	\$6.00	62
SE6PR6518	\$5.00	62
SH10D	\$3.00	49,50
SL5340	\$125.00	27
SL5350	\$125.00	25
SP2880	\$10	17,37
SP3011	\$5	49
SP3012	\$30.00	49,50
SP3013	\$40.00	49,50

Part No	Price ex GST	Page
SP3701	\$160.00	51
SP4011	\$20.00	59-61
SP4012	\$15.00	53,59-61
SW1210	\$30.00	38
SW1220	\$30.00	38
SW1270	\$30.00	38
SW5270	\$150.00	8
SW5280	\$150.00	8
SW5290	\$160.00	8
SW6270	\$150.00	24
SW6280	\$150.00	24
SW6290	\$160.00	24
TA3120	\$360.00	49
TA3130	\$150.00	49
TG1170	\$28.00	38
TG1173	\$5.00	38,64
TG1175	\$5.00	38,64
TG5730	\$29.00	19
TG5750	\$29.00	19
TSP	\$1.50	31,63
UB2005	\$4.00	64
UB5620	\$5.00	64
XTA3123	\$6.00	49,50