



# Retool Your Existing Hoe Drill with Acra-Plant to Improve Performance in Difficult Soil, Moisture & Residue Conditions

Hoe Drill

- Unique **trash lifters** allow for easier less-till planting
- **Stainless steel** bodies self scour to pull easier without plowing
- **Acra-Tuff** Chrome Carbide Points take the hardest ground

**Save on seed — Go deep to find moisture and protect young plants from high winds** without plowing the soil or raking your old stubble — plant in the heaviest of residues — **Use Acra V-Slice technology to put the seed where it belongs** this year. With Acra-Plant Hoe Drill Shoes, you can select from up to 5 different points to tailor your Hoe Drill for your ground and residue conditions.



AP-711070  
John Deere LZ, 9300



AP-719480  
John Deere 9400



AP-714070  
Crustbuster Hoe Drills  
with Trash Shank



AP-715070  
CaselH 150  
w/Cast Boot



AP-715570  
CaselH  
150 with Fab Boot

Model #	Acra-Plant Shoe with DSZ Point Assembly Part #	Weight
John Deere LZ, 9300, 775-785 air hoe drills (comes with AP-710070 (DSZ7) point installed)	AP-711070	4.08
John Deere 9400, 1800-Series air hoe seeder (comes with AP-710080 (DSZ8) point installed)	AP-719480	5.00
Crustbuster hoe drills with trash shank (comes with AP-710070 (DSZ7) point installed)	AP-714070	4.08
CaselH 150 hoe drills with cast boot (comes with AP-710070 (DSZ7) point installed)	AP-715070	3.50
CaselH 150, 7000-7100-7200 hoe drills with Fab Boot & 8500 air hoe drill (comes with AP-710070 (DSZ7) point installed)	AP-715570	3.33



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NOTE: Acra-Plant hoe drill shoes also available for Versatile/Noble drills.  
Consult factory for details.

# Acra-Plant Hoe Drill Shoes



AP-711070

## John Deere LZ, 9300, 775-785 Air Hoe Drills

### AP-711070 Assembly with AP-710070 (DSZ7) Point

Kit #	Description	Weight
AP-711070	Assembly includes:	4.08
AP-711052	Acra-Plant stainless steel drill shoe body weldment	
AP-710070	Acra-Tuff chrome carbide V-slice point (DSZ7) with pin	

### Parts Required for First Time installation on John Deere Drills

Part #	Quantity	Description	Weight
AP-500044	1	Seed baffle	0.20
	1	3/8" x 2-1/2" carriage bolt	
	1	3/8" top lock nut	
	1	5/16" x 2-1/2" carriage bolt	
	1	5/16" top lock nut	
	1	5/16" x 1" hex head cap screw	
	1	5/16" hex jam nut	

JD LZ/9300 Installation Sheet will be sent with each order for AP-711070



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### Optional Points & Hardware

Part #	Description	Weight
AP-710060	(DSZ6) bolt-on V-bottom low disturbance point w/hardware	0.78
AP-710070	(DSZ7) pin-on heavy-duty V-slice point with pin	1.03
AP-729390	Z9 bolt-on flat bottom, drop-nose point without hardware	0.85
AP-729400	Bolt-on heavy-duty shallow V, drop nose point without hardware	0.90
DNC-715V	Economy bolt-on shallow V, drop nose point without hardware	0.70
AP-510693	5/16" x 1" spring pin (comes with AP-710070)	per 100
N1	1/4" square nut, required for bolt-on points	per 500
Z1-1	1/4" x 1" machine screw slotted flat head, required for bolt-on points	per 500
1-1	Box of 100ea 1/4" x 1" machine screw and 100ea 1/4" square nut	per 100

**With Acra-Plant Hoe Drill Shoes, you can select from up to five different points to tailor your Hoe Drill for your ground and residue conditions.**

**Hard Ground • Heavy Residue • Tough Planting Conditions  
Dry Climate • Wet Planting Time**

**Tailor your Hoe Drill with Acra-Plant for Optimum Performance**

## John Deere 9400, 1800-Series Air Hoe Seeder

### AP-719480 Assembly with AP-710080 (DSZ8) Point

Kit #	Description	Weight
AP-719480	Assembly includes:	5.00
AP-719452	Acra-Plant stainless steel drill shoe body weldment	
AP-710080	Acra-Tuff chrome carbide V-slice point (DSZ8) with pin	



AP-719480

Hoe Drill

### Parts Required for First Time installation on John Deere Drills

Part #	Quantity	Description	Weight
AP-719421	1	Seed baffle	0.20
	1	3/8" x 2-1/2" carriage bolt	
	1	3/8" top lock nut	
	1	5/16" x 2-1/2" carriage bolt	
	1	5/16" top lock nut	
	1	5/16" x 1" hex head cap screw	
	1	5/16" hex jam nut	

JD 9400 Installation Sheet will be sent with each order for AP-719480

### Replacement Point & Hardware

Part #	Description	Weight
AP-710080	(DSZ8) pin-on heavy-duty V-slice point with pin	1.20
AP-510693	5/16" x 1" spring pin (comes with AP-710080) per 100	

NOTE: The AP-719480 Acra-Plant Hoe Drill Shoe was designed EXCLUSIVELY for the John Deere 9400-series Hoe Drills and the 1800-Series Air Hoe Seeder. Optimum performance can only be guaranteed using the EXCLUSIVE AP-710080 (DSZ8) Heavy-Duty V-slice point.

## Optimize your John Deere Hoe Drill with ACRA-Plant Stainless Steel Hoe Drill Shoes



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# Acra-Plant Hoe Drill Shoes



AP-714070

## Crustbuster Hoe Drills Equipped with Trash Shanks

### AP-714070 Assembly with AP-710070 (DSZ7) Point

Kit #	Description	Weight
AP-714070 4.08	Assembly includes:	
AP-714052	Acra-Plant stainless steel drill shoe body weldment	
AP-710070	Acra-Tuff chrome carbide V-slice point (DSZ7) with pin	

## Parts Required for First Time installation on Crustbuster Drills

Quantity	Description
2	3/8" x 2-1/2" carriage bolt
2	3/8" top lock nut

*Crustbuster Installation Sheet will be sent with each order for AP-714070*

## Optional Points & Hardware

Kit #	Description	Weight
AP-710060	(DSZ6) bolt-on V-bottom low disturbance point with hardware	0.78
AP-710070	(DSZ7) pin-on heavy-duty V-slice point with pin	1.03
AP-729390	Z9 bolt-on flat bottom, drop-nose point without hardware	0.85
AP-729400	Bolt-on heavy-duty shallow V, drop nose point without hardware	0.90
DNC-715V	Economy bolt-on shallow V, drop nose point without hardware	0.70
AP-510693	5/16" x 1" spring pin (comes with AP-710070)	per 100
N1	1/4" square nut, required for bolt-on points	per 500
Z1-1	1/4" x 1" machine screw slotted flat head, required for bolt-on points	per 500
1-1	Box of 100ea 1/4" x 1" machine screw & 100ea 1/4" square nut	per 100



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**Equip your Crustbuster Hoe Drill with ACRA-Plant Shoes for HIGH PERFORMANCE Less-Till drilling**



## CaselH 150 Hoe Drills with Cast Shank Boots

### AP-715070 Assembly with AP-710070 (DSZ7) Point

Kit #	Description	Weight
AP-715070	Assembly includes: AP-715052 Acra-Plant stainless steel drill shoe body weldment AP-710070 Acra-Tuff chrome carbide V-slice point (DSZ7) with pin	3.50



AP-715070

### Parts Required for First Time installation on CaselH Drills

Part #	Quantity	Description	Weight
AP-715021	1	Seed baffle	0.20

*CaselH 150 Cast Boot Installation Sheet will be sent with each order for AP-715070*

### Optional Points & Hardware

Part #	Description	Weight
AP-710060	(DSZ6) bolt-on V-bottom low disturbance point with hardware	0.78
AP-710070	(DSZ7) pin-on heavy-duty V-slice point with pin	1.03
AP-729390	Z9 bolt-on flat bottom, drop-nose point without hardware	0.85
AP-729400	Bolt-on heavy-duty shallow V, drop nose point without hardware	0.90
DNC-715V	Economy bolt-on shallow V, drop nose point without hardware	0.70
AP-510693	5/16" x 1" spring pin (comes with AP-710070)	per 100
N1	1/4" square nut, required for bolt-on points	per 500
Z1-1	1/4" x 1" machine screw slotted flat head, required for bolt-on points	per 500
1-1	Box of 100ea 1/4" x 1" machine screw & 100ea 1/4" square nut	per 100



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**With Acra-Plant Hoe Drill Shoes,  
you can select from up to five different points to tailor your  
Case IH Hoe Drill for your ground and residue conditions**

**Hard Ground • Heavy Residue • Tough Planting Conditions  
Dry Climate • Wet Planting Time**

**Acra-Plant will Tailor your Hoe Drill for Optimum Performance**



AP-715570

## Caselh 150 Hoe Drills with Fab Shanks & 7000-7100-7200 Hoe Drills with Fab Shank Boot & 8500 Air Hoe Drill

### AP-715570 Assembly with AP-710070 (DSZ7) Point

Kit #	Description	Weight
AP-715570	Assembly includes: AP-715552 Acra-Plant stainless steel drill shoe body weldment AP-710070 Acra-Tuff chrome carbide V-slice point (DSZ7) with pin	3.33

### Optional Parts for First Time

#### installation on Caselh Hoe Drills with Fab Boots

Consult Acra Plant Factory Engineering for side plates and seed tube options that may be required for **FIRST TIME** application:

Part #	Quantity	Description
	2	3/8" x 1" hex head cap screw
	2	3/8" top lock hex nut
AP-715508	1 set	Shear pin draw bar side plates
AP-715510	1 set	Spring trip draw bar side plates
AP-715522	1	Long seed tube for most fab shanks
AP-715523	1	Short seed tube for front gang on 7200 hoe drills & 8500 hoe air drill



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*Caselh 150 Fab Boot Installation Sheet will be sent with each order for AP-715570*

### Optional Points & Hardware

Part #	Description	Weight
AP-710060	(DSZ6) bolt-on V-bottom low disturbance point with hardware	0.78
AP-710070	(DSZ7) pin-on heavy-duty V-slice point with pin	1.03
AP-729390	Z9 bolt-on flat bottom, drop-nose point without hardware	0.85
AP-729400	Bolt-on heavy-duty shallow V, drop nose point without hardware	0.90
DNC-715V	Economy bolt-on shallow V, drop nose point without hardware	0.70
AP-510693	5/16" x 1" spring pin (comes with AP-710070)	per 100
N1	1/4" square nut, required for bolt-on points	per 500
Z1-1	1/4" x 1" machine screw slotted flat head, required for bolt-on points	per 500
1-1	Box of 100ea 1/4" x 1" machine screw & 100ea 1/4" square nut	per 100

**Caselh Hoe Drills & Minimum-Till Drilling?  
Do it this year with ACRA-Plant**