## Flanged Bushing Rebuild Kit Saves on Planter Repair Costs

These new flanged bushing rebuild kits for planters makes old and worn parallel linkage arms and bushings work better than new. All the wear takes place on replaceable parts instead of on your planter's parallel linkage arms.

Worn parallel linkage arms and bushings are a common problem with today's planters and, with the newer high-speed planters, the likelihood is that the problem will only get worse.



In the past, worn parallel linkage arms and bushings have always had to be replaced with new and expensive ones. With the Precision Planter Solutions' flanged bushing kit, there is no longer any wear on the parallel linkage arms. All the wear is on the kit's replaceable parts.

Those parts include a hardened flanged bushing with a small built-in "dowel" that fits into a hole drilled into one side of the arm, and a threaded hex bushing that fits into the flanged bushing.

The operator drills a small hole into the arm for the dowel, and reams out the existing worn hole in the arm a little larger for a more precise fit for the bushings. A special shoulder bolt holds the two bushings together.

The dowel locks itself into the arm to keep the flanged bushing from turning. The design keeps the bushings and arms tight so that the wear now takes place on the bushings instead of the parallel arms.







"S.I. Distributing Planting Innovations" channel

1) Comparison between planter parallel linkage arms with and without the flanged bushing rebuild kit.





2) How to use a reamer to fit a flanged bushing onto a parallel arm









Precision Planter Solutions
Flanged Bushing
Parallel Linkage Arms
Rebuild Kits



**Save on Planter Repair Costs** 

Model	Product ID	Description	Price/Row	Reamer Required			
Case-IH				1-1/8"	1-1/16"	11/16"	25/64" Bi
800, 900, 955, 1200; 5400, 5500SS	PPS807816	1-1/16" repair	\$95.00		х		х
	Larger re	pair kits available for holes wo	rn beyond 1-1/16"	•	•		
John Deere							
Max Emerge 7000, 7100 Series	PPS817016	1-1/16" repair	\$125.00		х	х	х
	Larger re	pair kits available for holes wo	rn beyond 1-1/16"				
MaxEmerge 2, Plus, XP, ME5 <b>Box Planter</b> 7200, 1700 series	PPS817218	1-1/8″ repair	\$115.00	x		х	х
ME Pro, XP Pro <b>CCS</b> <b>Mini Hopper</b> 1700 Series	PPS811718	1-1/8" repair	\$119.00	х		х	х
ME5, ExactEmerge CCS Mini Hopper 1700 Series	PPS815518	1-1/8" repair	\$115.00	х		x	x
	Larger re	epair kits available for holes we	orn beyond 1-1/8"				
All Models Down Pressure Support Arm	PPS855881	1-1/8" repair	\$20.40	х			
Kinze							
2000 Series <b>Rear Rows</b>	PPS817016	1-1/16" repair	\$125.00		х	х	х
2000 Series <b>Push Rows</b>	PPS822016	1-1/16" repair	\$105.00		х	х	х
3000 Series <b>Rear Rows</b>	PPS823016	1-1/16" repair	\$105.00		х	х	х
3000 Series <b>Push Rows</b>	PPS822016	1-1/16" repair	\$105.00		х	х	х
4900 Series	PPS824916	1-1/16" repair	\$105.00		x	х	×
	Larger re	pair kits available for holes wo	rn beyond 1-1/16"				
New Holland					1		
SP280, SP380 SP480, SP580	PPS807816	1-1/16" repair	\$95.00		х		
WIL:	Larger re	pair kits available for holes wo	rn beyond 1-1/16"				
White 5000, 6000, 8000, 9000 series	PPS838916	1-1/16" repair	\$109.00			v	
3000, 6000, 8000, 9000 series		pair kits available for holes wo	·		Х	Х	Х
Martin Row Cleaners	Larger re	pair kits available for floles wo	in beyond 1-1/16				
WA1345, WA1360, C125	PPS841316	1-1/16" repair	\$29.00		×	х	х
11113 13, 11111300, C123		pair kits available for holes wo		<u> </u>	1 ^		
		l Upper & Lower Parallel	<u> </u>	ld Kits			
Model	Product ID	Description	Price/Row	Reamer Required			
John Deere				1-1/8"	1-1/16"	11/16"	25/64" Bit
MaxEmerge 2, Plus, XP, ME5 <b>Box Planter</b> 7200, 1700 series	PPS861618	16" standard arm 1-1/8" kit	\$225.00			х	
	PPS862318	23" extended arm 1-1/8" kit	\$295.00			х	
ME Pro, XP Pro CCS Mini Hopper 1700 Series	PPS871618	16" standard arm 1-1/8" kit	\$229.00			х	
	PPS872318	23" extended arm 1-1/8" kit	\$299.00			х	
ME5, ExactEmerge	PPS881618	16" standard arm 1-1/8" kit	\$225.00			х	

Includes flanged bushing kit and flanged-bushing-ready upper & lower parallel arms. You will still need to ream support plate and row unit holes to 11/16"

23" extended arm 1-1/8" kit

Reamers					
Product ID	Description	Price/Ea			
PPS610118	Reamer, 1-1/8"	\$169.00			
PPS610116	Reamer, 1-1/16"	\$68.00			
PPS601116	Reamer, 11/16"	\$48.00			

PPS882318

CCS Mini Hopper

1700 Series

Accessories					
Product ID	Description	Price/Ea			
PPS612564	Drill Bit, 25/64"	\$6.00			
PPS699100	Cutting Oil, 16 oz	\$10.00			

\$295.00