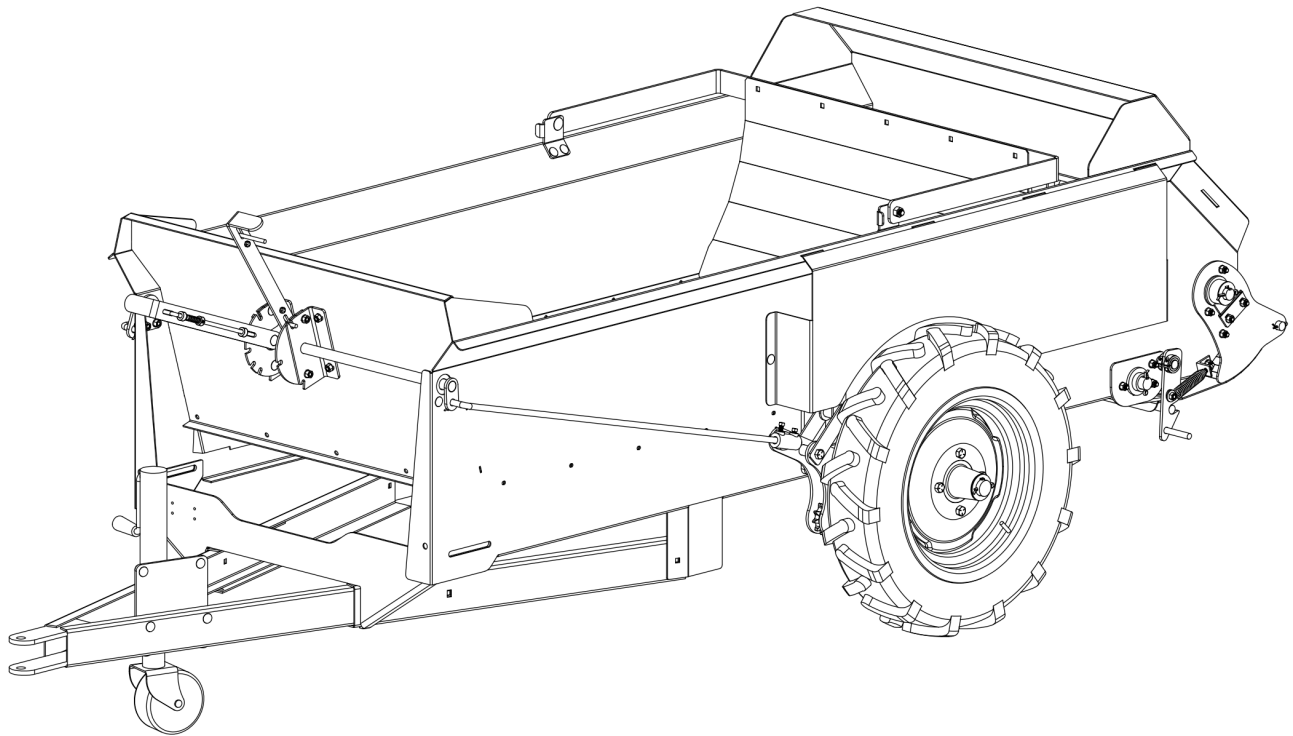


Ground Drive Spreader Parts Manual

85 – 110 Cubic Foot Models

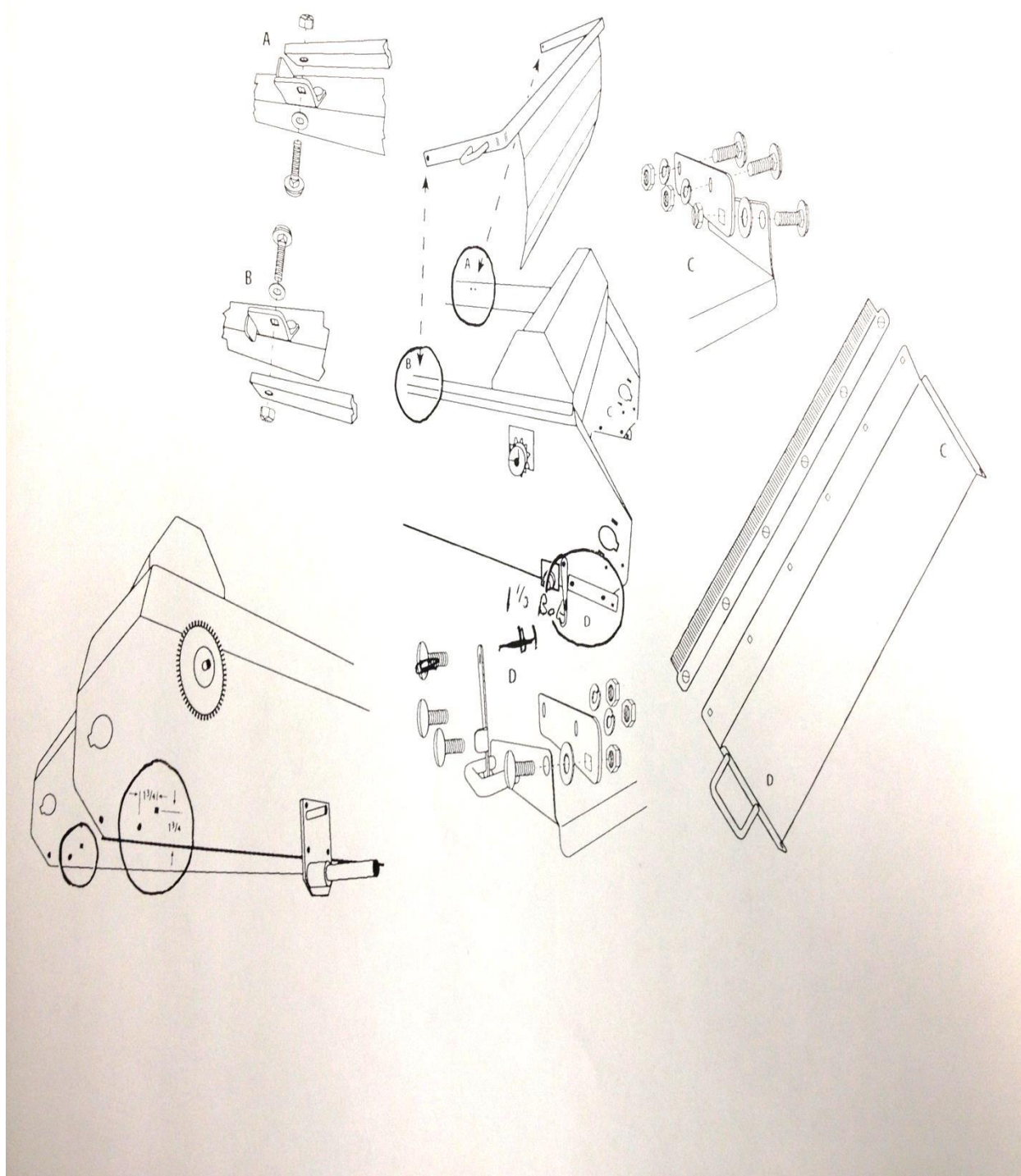


*For Reference with ABI Classic Ground Driven Spreaders
Manufactured Before April 24, 2016*

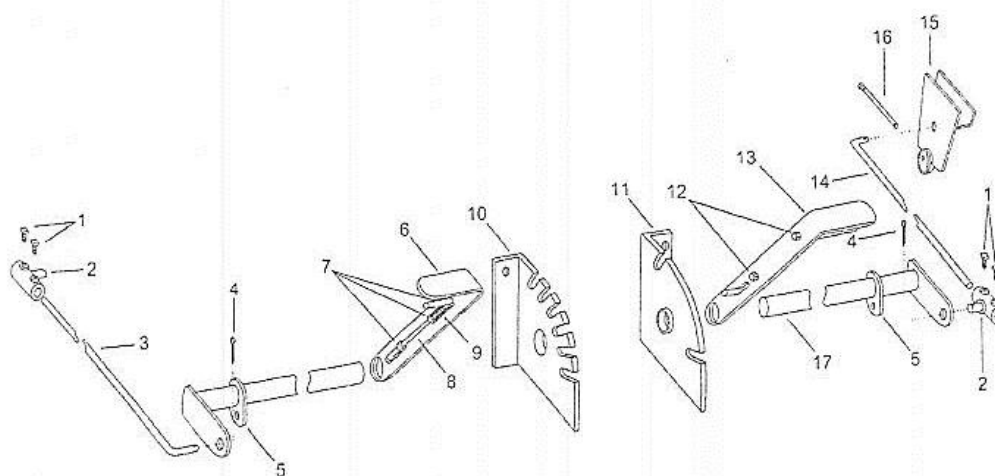
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Manual End Gate and Fines Pan Installation



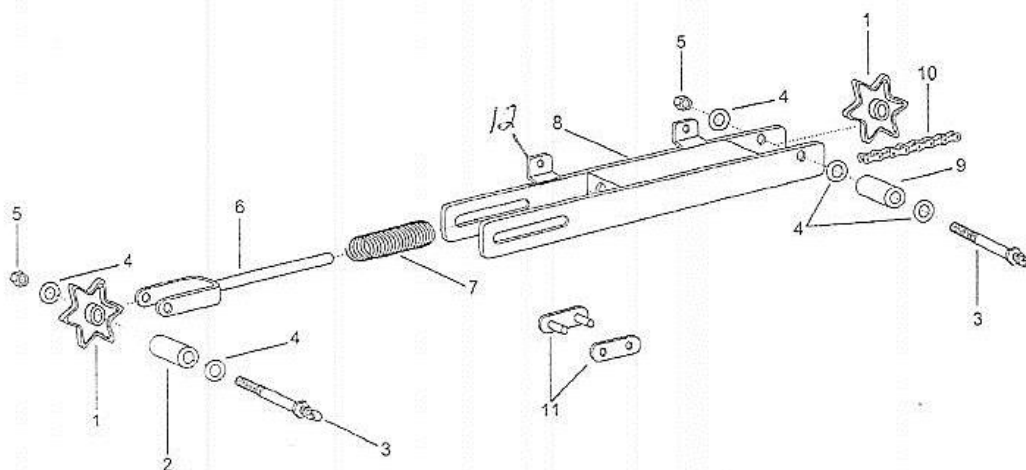
85/110 Cu Ft Classic Spreader Lever Assembly



1. Set Screws 5/16" x 3-1/4"
2. Double Set T-Collar LS316
3. Rod 1/2"
4. Cotter Pin 3/16" x 1" CP-187 - 1000
5. Lever Holder LSL85LH
6. Web Lever LSL
7. Collars 3/8 shaft collar
8. Lever Rod LR100
9. Spring 6812507
10. Web Lever Holder Plate LSL85CLP
11. Chain Lever Holder Plate LSL85CLP
12. Bolts 1/4 x 5/8
13. Chain Lever LSL
14. Rod RL100
15. Disengage Arm LS185 DA
16. Grease Pipe H1684
17. Lever Shaft 1" x 19-1/2"

Parts Numbers for Reference only!

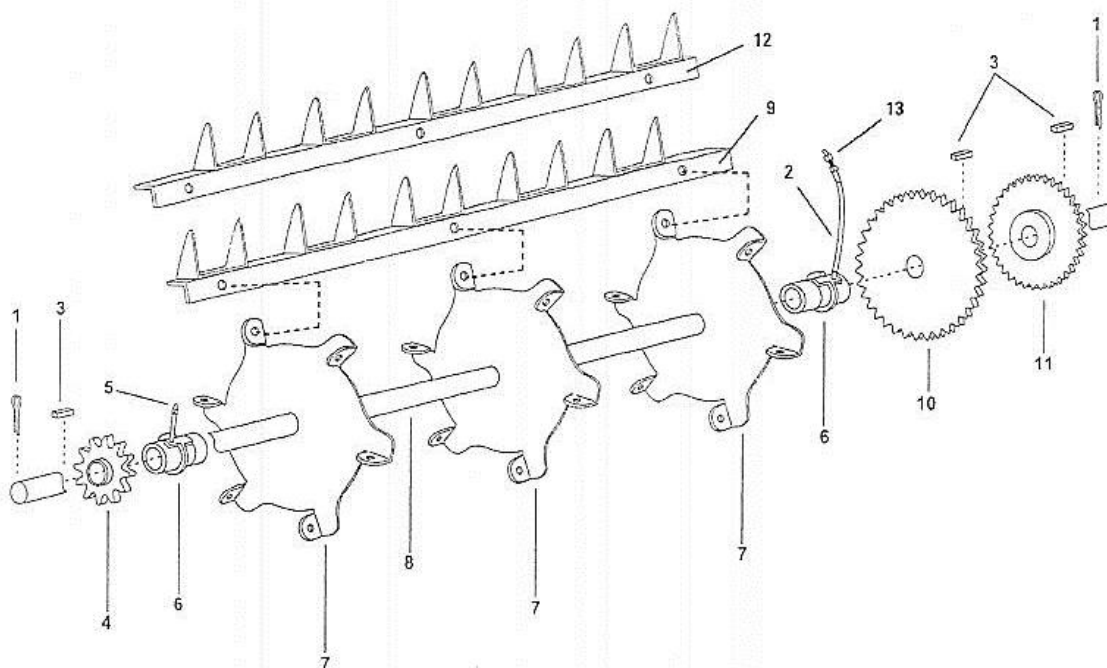
85/110 Cu Ft Classic Spreader Main Idler Assembly



- | | | |
|---|-------|-------------|
| 1. Idler Sprocket | ..... | P32 |
| 2. Bushing | ..... | 3 x 3/4 |
| 3. Grease Bolt | ..... | 1/2 x 3-3/4 |
| 4. Washer | ..... | 1/2" |
| 5. Locknut | ..... | 1/2" |
| 6. Arm Clevice | ..... | LS185CAC |
| 7. Expansion Spring | ..... | LA020604 |
| 8. Bracket | ..... | LS185CA |
| 9. Bushing | ..... | 2-1/2 x 3/4 |
| 10. Roller Chain #CA55 - 93 Link + co = 152" + co | | |
| 11. Chain Connector Link | ..... | .CA550 |
| 12. Foot Bracket - 4 | ..... | LSP185CAB1 |

Parts Numbers for Reference only!

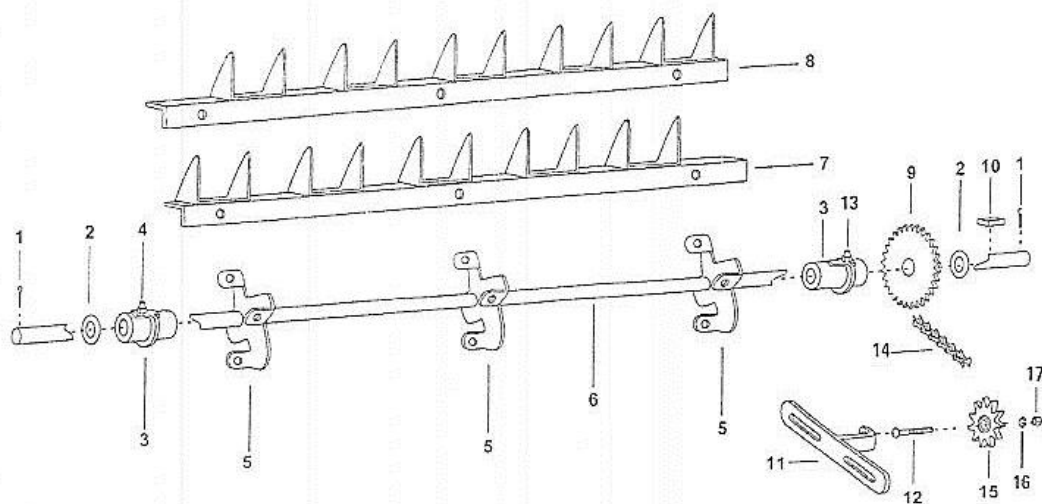
85/110 Cu Ft Classic Spreader Main Beater Assembly



1. Cotter Pin 3/16 x 1-1/2 CP187 - 1500
2. Grease House 18" H82018
3. Key 1/4 x 1"
4. Sprocket 9-Tooth CA550
5. Grease Pipe 1684
6. Bearing 273
7. Mounting Bracket LS185MCH
8. Shaft 85-100 - 110
9. Left Beater Bar Left
10. Inner Sprocket 60B36
11. Outer Sprocket 60B30
12. Right Beater Bar Right
13. Female Grease Zert H1618

Parts Numbers for Reference only!

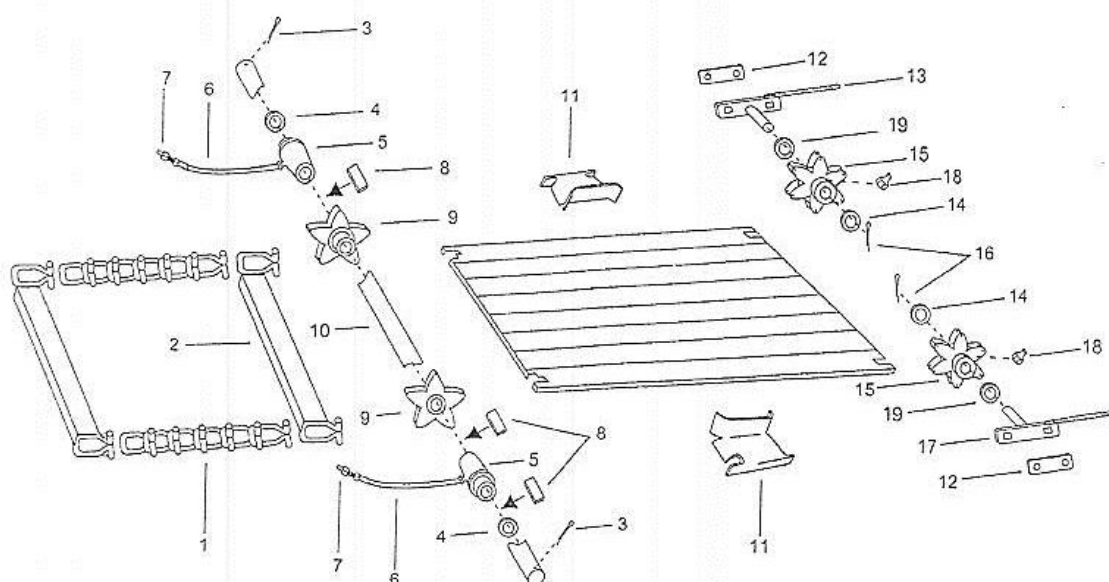
85/110 Cu Ft Classic Spreader Top Beater Assembly



- | | |
|---|---|
| 1. Cotter Pin 3/16 x 2" CP-187 - 1000 | 11. Chain Tightner Bracket LSC181 |
| 2. Washer 1" W14 - 1000 | 12. Bolt - Carriage Head 1-1/2 x 42 |
| 3. Bearing 284 | 13. Grease Zert 1684 |
| 4. Grease Zert 1641 Zert | 14. Roller Chain #60 64" |
| 5. Bracket LS185 TCH | 15. Idler Sprocket 608B11H |
| 6. Shaft 1 x 51-1/4 | 16. Lock Washer 1/2" |
| 7. Beater Bar Left | 17. Nut 1/2" |
| 8. Beater Bar Right | |
| 9. Sprocket 60B25 | |
| 10. Key 1/4 x 1-1/2 | |

Parts Numbers for Reference only!

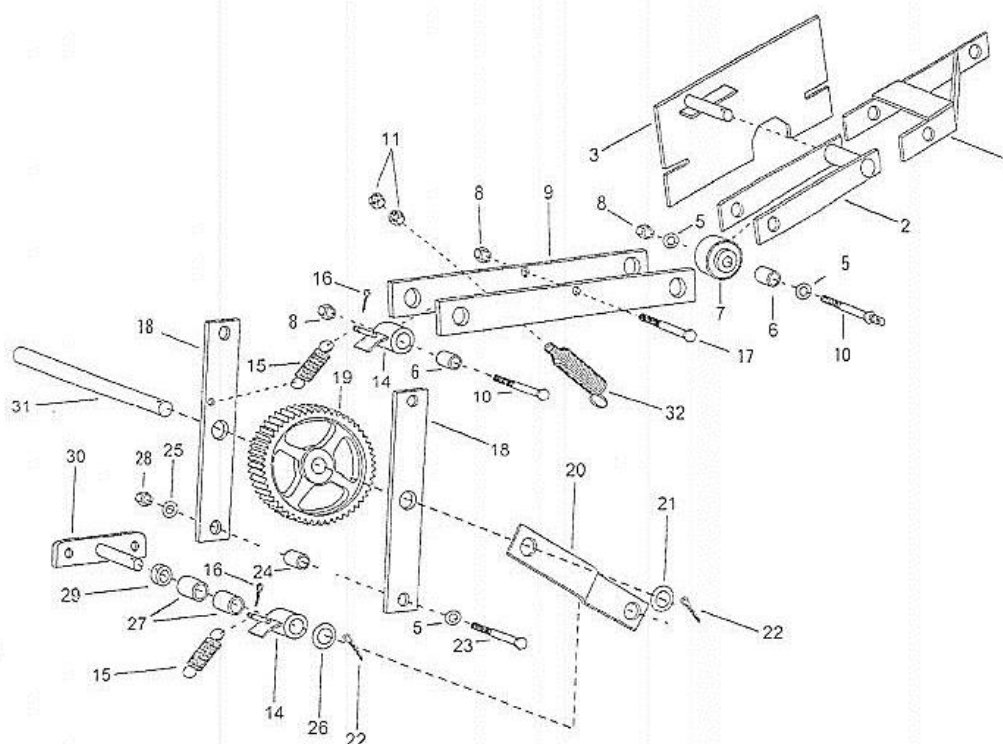
85/110 Cu Ft Classic Spreader Web and Floor Assembly



- | | | |
|-----------------------------|-------|----------------------------|
| 1. T-Rod Link 7/16 | ..... | .7 Links between each slat |
| 2. T-Rod Slat | ..... | for 100, 110, 85 Spreader |
| 3. Cotter Pin 1/4 x 2 | ..... | CP-218 - 2000 |
| 4. Washer | ..... | 1-1/8 Washer |
| 5. Web Drive Bearing | ..... | .331 Bearing |
| 6. Grease Tube | ..... | 12 in. Grease Tube |
| 7. Female Grease Zert | ..... | H1618 |
| 8. Key | ..... | 1/4 x 1-1/2 Key Stock |
| 9. Sprocket | ..... | .315 5-Tooth Sprocket |
| 10. Web Drive Shaft | ..... | for 85, 100, 110 Spreader |
| 11. Web Carrier | ..... | LS185WC |
| 12. Web Idler Plates | ..... | LS W.I.P |
| 13. Web Idler Bracket (L) | ..... | W.I.B.L. |
| 14. Washer | ..... | 3/4 Washer |
| 15. Web Idler Sprocket | ..... | .3133 6-Tooth Sprocket |
| 16. Cotter Pin 3/16 x 1-1/2 | ..... | CP-187 - 1500 |
| 17. Web Idler Bracket (R) | ..... | W.I.B.R. |
| 18. Grease Zert | ..... | H1612 Zert |
| 19. Shaft Collar | ..... | 7/16 Shaft Collar |

Part Numbers for Reference only!

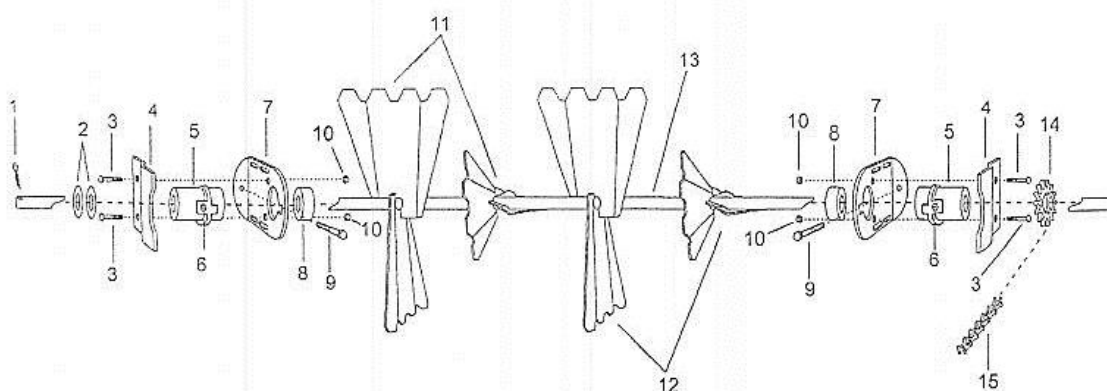
85/110 Cu Ft Classic Spreader Web Drive Assembly



1. Yoke Arm	LS185 - YA	19. Ratchet Wheel	LS195R
2. Roller Arm	LS100WRA	20. Support Arm	LSP185WDSS
3. Axle Plate	LS185APWD	21. Washer 1-1/8"	N16-1125
6. Steel Bushing	1/2 x 7/8 x 2-1/2	22. Cotter Pin 1/4 x 1-1/2	CP-250 - 1500
7. Roller	LS515	23. Bolt	3/8 x 3
8. Lock Nut	1/2"	24. Bushing	1-1/2 x 3/4 Spacer
9. Pawl Push Arm	LS185B2	25. Lock Washer	3/8"
10. Grease Bolt	1/2 x 3-3/4	26. Washer	3/4"
11. Nut	5/16"	27. Bushing 3/4 x 7/8 x 7/8	HAB38-L
14. Pawl	8A9	28. Nut	3/8"
15. Spring	1439 S	29. Shaft Collar	3/4"
16. Cotter Pin 3/16 x 1	CP-187 - 1250	30. Retaining Pawl Bracket	LSW18-R
17. Bolt	3/8 x 3-1/2	31. Shaft	
18. Pawl Control Arm (2)	LS185R1	32. Extension Spring	LS955

Part Numbers for Reference only!

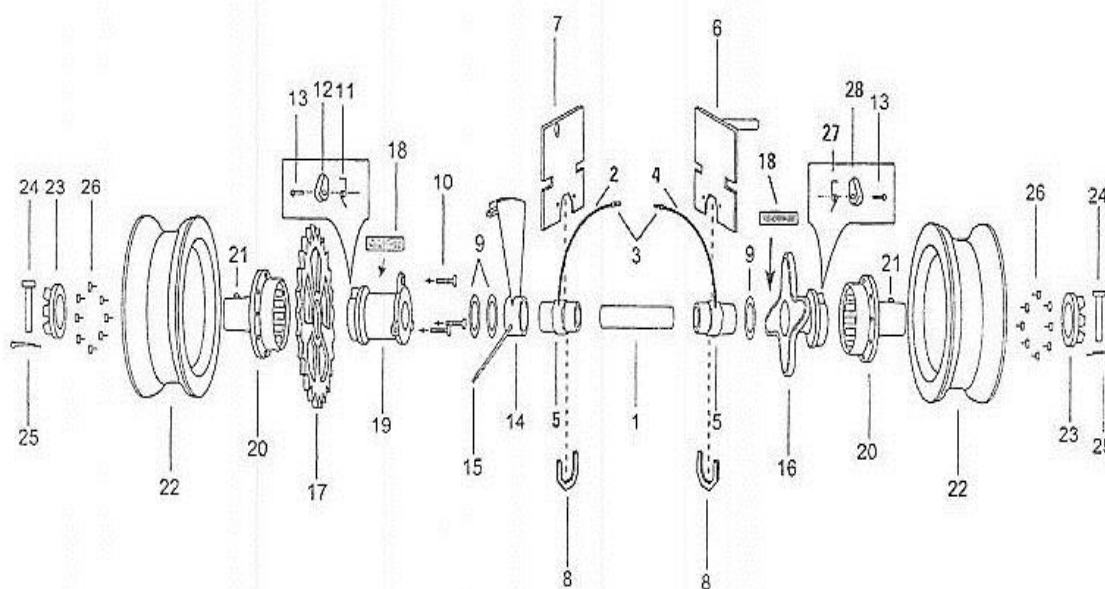
85/110 Cu Ft Classic Spreader Wide Spread Assembly



1. Cotter Pin 1/4 x 2" CP-250 - 200
2. Washer 1-1/4" N14 - 1250
3. Bolt 3/8 x 1
4. Keeper Plate 0574SRL
5. Bearing 273
6. Grease Zert 1610
7. Bearing Plate 200513
8. Set Collar 1-1/4"
9. Bolt 1/2 x 3-1/2
10. Nut 3/8
11. Left Side Paddle LSWSPE-L
12. Right Side Paddle LSWSPE-R
13. Shaft 1-1/4" #4140for 85, 100, 110
14. Sprocket 60B12
15. 61" Chain #60 Chain

Part Numbers for Reference only!

ABI Classic Spreader Setup Guide



- | | | | |
|---------------------------|--------------|---------------------------|---------------------|
| 1. Axle | 85, 100, 110 | 15. 1/8 NPT Grease Pipe | 1684 |
| 2. 18" Grease Tube | H82018 | 16. Star Hub | L526A |
| 3. Female Grease Zert | H1618 | 17. Sprocket | CA55041T |
| 4. 12" Grease Tub | H82012 | 18. Key | 3/8 x 2.5 Key Stock |
| 5. Bearing | LS185AB | 19. Sprocket Hub | L527A |
| 6. Web Axle Bearing Plate | LS185APWD | 20. Hub | L530 |
| 7. Axle Bearing Plate | LS185AP | 21. Grease Fitting | H1637 |
| 8. Axle Bearing Holder | LS100ABH | 22. Disc Wheel | 7.50-24 or 7.50-20 |
| 9. Washer 2-1/8 x 3-1/8 | W14-2125 | 23. Axle Collar | L529 |
| 10. Bolt | 1/2 x 1-3/4 | 24. Axle Pin | 1/2 x 3-1/2 |
| 11. Torsion Spring | 1516S | 25. Cotter Pin (3/16 x 1) | CP-187 - 1000 |
| 12. Pawl | 17C | 26. Hub Bolts (8) | 1-1/4 x 7/16 Fine |
| 13. Bolt | 1/4 x 2 | 27. Torsion Spring | 1515 S |
| 14. Disengage Arm | LS185PA | 28. Pawl | 18 C |

Part Numbers for Reference only!

If you have additional questions about your ABI Classic Spreader please feel free to contact our Customer Support Staff at 855-211-0598 M-Fr 9am – 5pm EST. You can also check out our support page at www.abisupport.com for more information and videos on your ABI Classic Spreader or any of our other quality products.

