

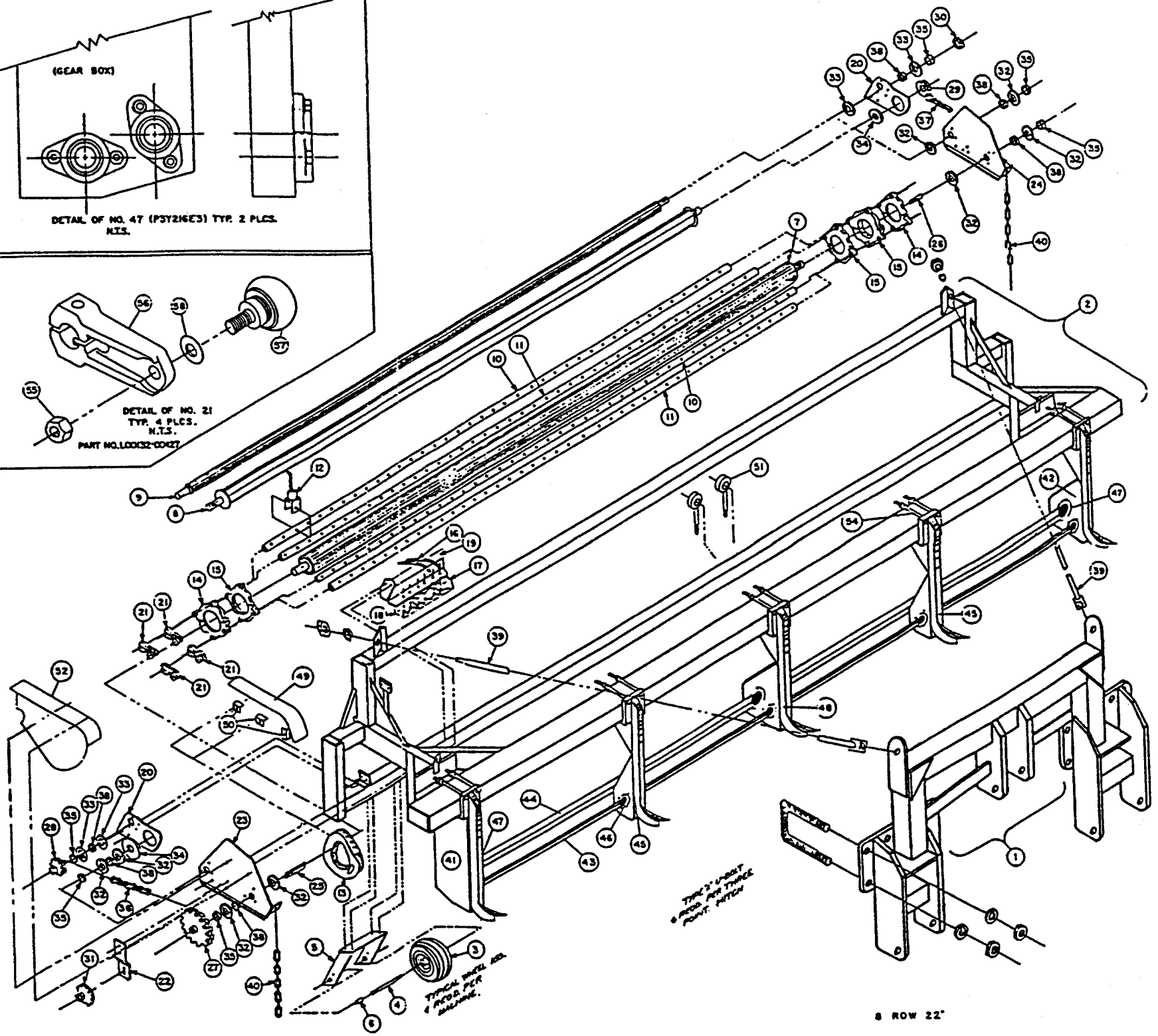
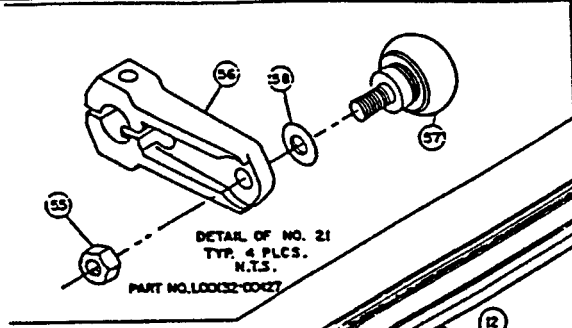
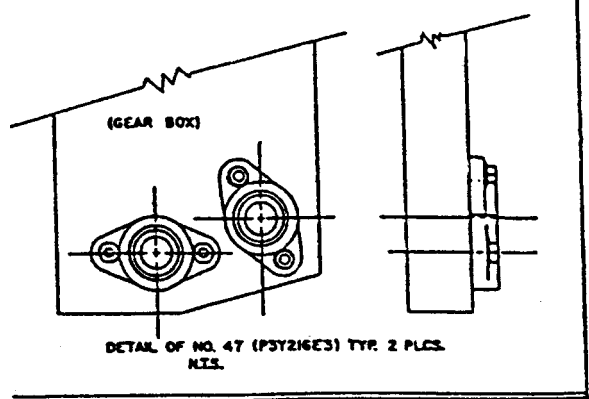
One Step Rod Cutter Rear Pull

Pickup Head Layouts

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TYP. 1/2 LB. WT.
8 Pcs. PER TYPICAL
POINT. FITTING

TYPICAL WHEEL NO.
1 Pcs. PER
MACHINE.

8 ROW 22"

BASIC MACHINE

ONE STEP PARTS LIST (1988–1990)

Parts List

<u>Item No.</u>	<u>Obsolete No.</u>	<u>Order No.</u>	<u>Description</u>
1.	80000	800000*	Three-Point Hitch
	800100	116001	Three-Point Pin
2.	900099	900099	Main Frame
3.	227-23	120002	Tire and Wheel (obsolete, requires kit # 405020)
4.	215-209	990080	Wheel Axle
5.	435-39	900249*	Wheel Mounting Assembly
6.	313-348	990173	Wheel Guard Spacer
7.	210-268	900361*	Pickup Head Roller
8.	240-691	900317*	Hex Roller
9.	240-635	900357*	4" Rear Roller
10.	900003	900003	Finger Shaft (167 ⁷ / ₈ "
11.	900004	900004	Finger Shaft (167 ⁷ / ₈ "
12.	504-67	106000	Rubber Finger
13.	461-41	103001	Cam Track–Right Hand
Not Shown	461-40	103000	Cam Track–Left Hand
14.	461-33	119027	Spider Cast End
15.	461-34	119028	Spider Cast Center
16.	504-68	118015	Rotor Rod
17.	118-3	103023	Clip, 3-hole Rotor Rod
18.	118-4	103024	Clip, 2-hole Rotor Rod
19.	20-1911	900243*	Rotor Rod Mount
20.	20-1907	900572	Right Hand Hinge Bracket} Replaced by 900573
21.	132-427	103044	Cam Arm
22.	20-2879	900334	Idler Sprocket Mount
23.	900019-R	900019-R	End Plate–Right Hand
24.	900019-L	900019-L	End Plate–Left Hand
25.	313-445	900377	Rotor Rod Spacer, R.H.
26.	313-446	No longer mfg.	Rotor Rod Spacer, L.H.
27.	SP50BS60	119008	Sprocket, Pickup Head R.H.
28.	SP50BS15	119006	Sprocket, Hex Tube R.H.
29.	SP40BS26	119003	Sprocket, Hex Tube L.H.
30.	SP40BS15	119004	Sprocket, Pickup Head L.H.
31.	SP50BS13	119010	Sprocket Idler
32.	13-72	106004	Flangett 52 MS
33.	13-39	106013	Flangett 52 MST
34.	313-410	900570	Spacer Hinge

* This part is manufactured on a built-to-order basis only. Call Pickett Equipment for availability and lead time.

ONE STEP PARTS LIST (1988–1990)

Parts List

<u>Item No.</u>	<u>Obsolete No.</u>	<u>Order No.</u>	<u>Description</u>
35.	124-24	102005	1" Lock Collar (See Item 38)
36.	237-360	103012	Chain, #50 Roller 38 Links
37.	CO4020	103007	Chain, #40 Roller 20 Links
38.	202-20	102005	1" Bearing Insert with Lock Collar
39.	900120	900120*	Guy Rods Front and Rear
40.	684-41	103039	Proof Coil Chain $\frac{3}{16}$ "
41.	900023-B*	900565	Chain Case Shank R.H. (♦ See Note)
42.	900020*	900950	End Shank Slotted (♦ See Note)
43.	900026	900461-188	Cutter Rod 1" Solid
44.	900027	900027	Kicker Rod 83"-8-22 Drive
Not Shown		900026	Kicker Rod 85"-8-22 End
Not Shown		900028	Kicker Rod 55½"-6-30
Not Shown		900029	Kicker Rod 57½"-6-30
Not Shown		900030	Kicker Rod 57½"-6-30
45.	900022*	900407-R	Single Hole Shank (♦ See Note)
46.	DS208TT6	102000	Bearing 1" Square
47.	P3Y216E3	102016	Bearing 2-Hole Flange
48.	900021*	900950	Center Double-Hole Shank (♦ See Note)
49.	900118	900413	Shroud, Left-Hand
		900414	Shroud, Right-Hand
51.	REC-197	118000	Rod End
52.		900316	Outer Chain Guard
54.	$\frac{3}{4}$ " x 9"	106009	Bolt $\frac{3}{4}$ " x 9"-Grade 8
56.	132-427	103044	Cam Arm
57.	200-107	102015	Bearing Cam with $\frac{5}{8}$ " Jam Nut & Washer

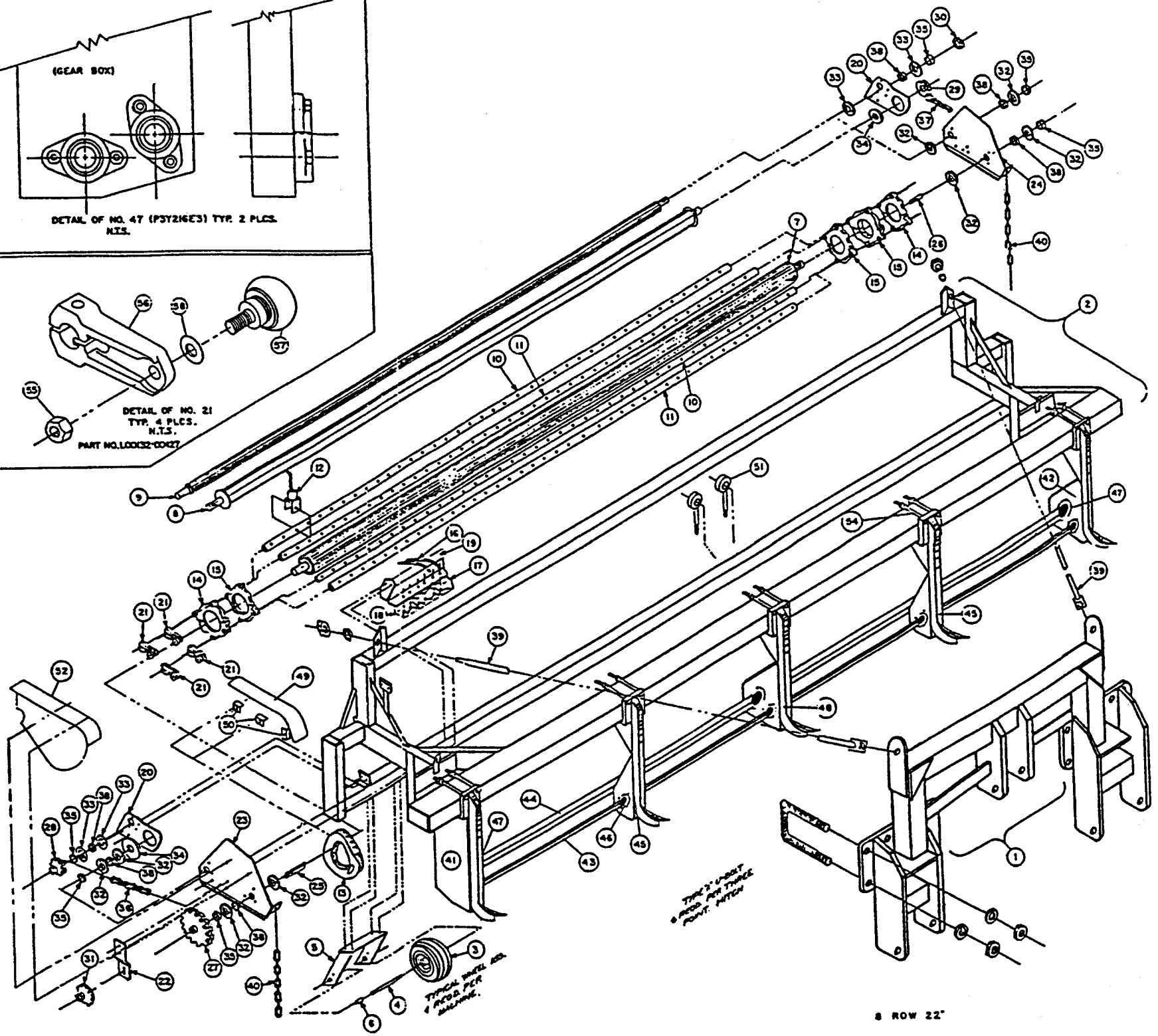
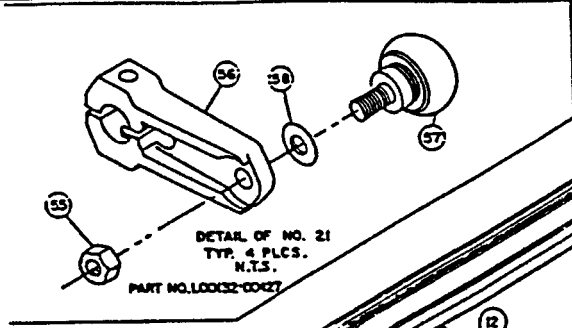
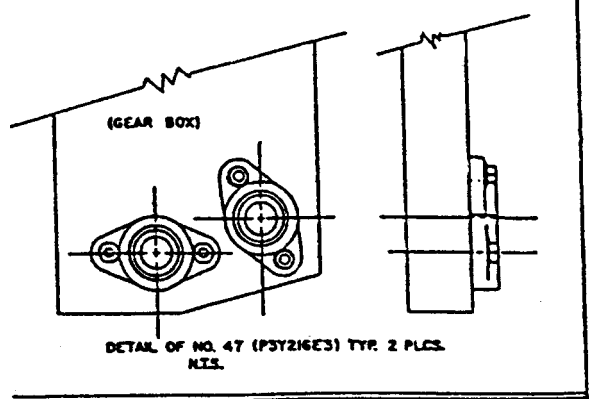
To use shanks no.'s 900565, 900950, 900407-R, contact Pickett Equipment or your local dealer for conversion update information.

*This part is manufactured on a built-to-order basis only. Call Pickett Equipment for availability and lead time.

Conversion Kits available for this machine (See Service Update Section)

<u>Kit No.</u>	<u>Description</u>	<u>Kit No.</u>	<u>Description</u>
405021	Gauge Wheel Conversion Kit (converts model '88-'91 to '92)	900800-822	Chain Case Update (8 row 22")
900754	Center Dump Table Kit** (converts model-'91-'92 to '93)	900800-630	Chain Case Update (6 row 30")
900755	Semi-end Table Kit** (converts model '91-'92 to '93)	901246	Pick up Head Conversion Kit
900605	Shank Point Conversion Kit (shear point)	Obsolete Kit No. UPH 940003 (6 row 30" & 8 row 22")	Shank Point Conversion Kit (45° rock point)
		900606	Small Wheel Conversion Kit
		405020	

** Also used in conjunction with kit no. 405022 & 405023 to convert models '91-'92 to '93.

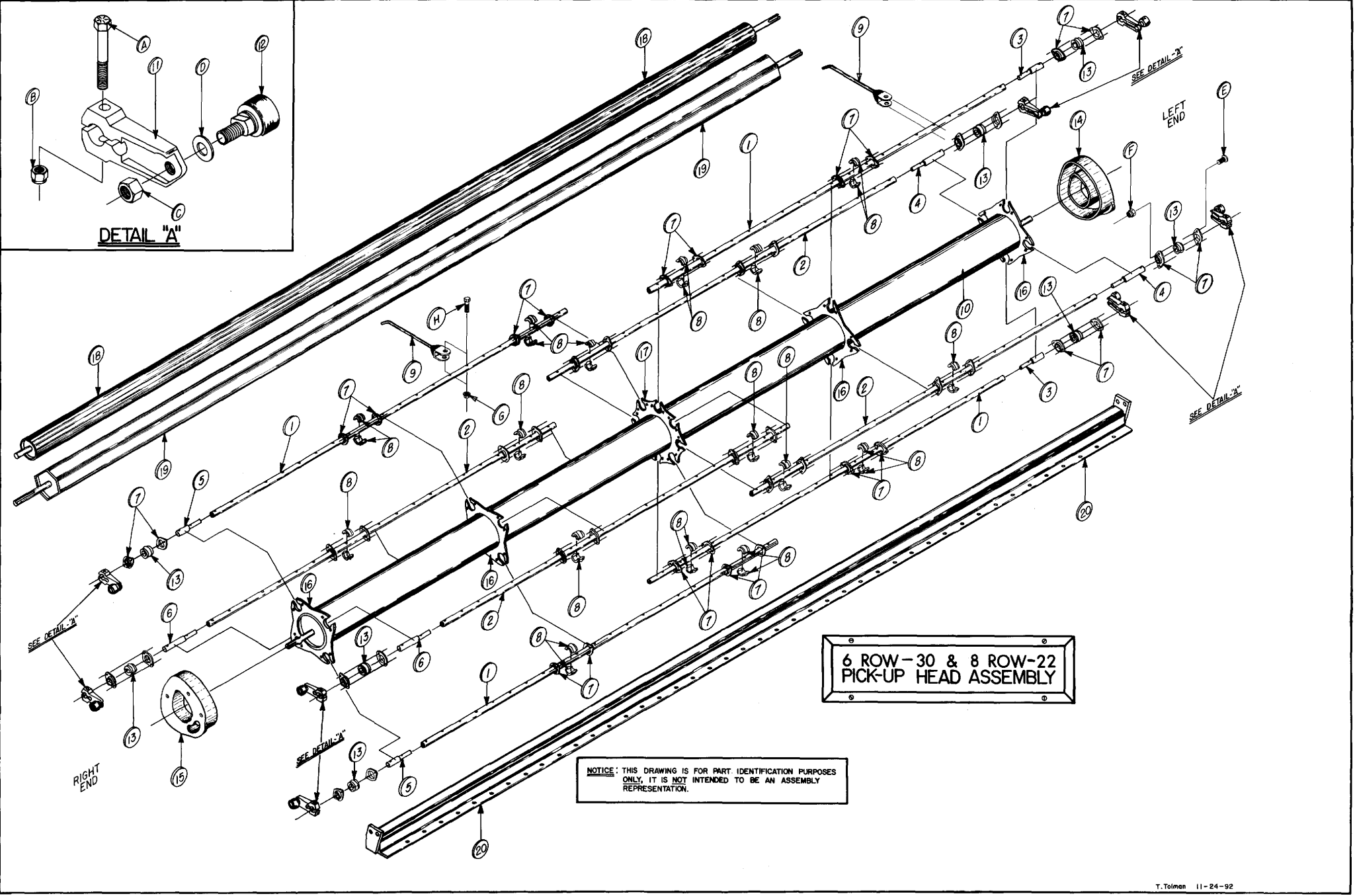


TYP. 1/2 LB. WT.
8 Pcs. PER TYPICAL
POINT. FITTING

TYPICAL WHEEL NO.
1 Pcs. PER
MACHINE.

8 ROW 22"

BASIC MACHINE



DETAIL "A"

SEE DETAIL "X"

LEFT END

SEE DETAIL "X"

SEE DETAIL "X"

RIGHT END

SEE DETAIL "X"

**6 ROW-30 & 8 ROW-22
PICK-UP HEAD ASSEMBLY**

NOTICE: THIS DRAWING IS FOR PART IDENTIFICATION PURPOSES ONLY, IT IS NOT INTENDED TO BE AN ASSEMBLY REPRESENTATION.

COMPLETE PICKUP HEAD ASSEMBLY--(1991 to 1993)**6 Row 30" & 8 Row 22"****Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	900360	Finger Rod--Long, 86 ³ / ₄ "
2.	900359	Finger Rod--Short, 84 ³ / ₄ "
3.	119070	Shaft, Finger Rod Plug Left (Short)
4.	119068	Shaft, Finger Rod Plug Left (Long)
5.	119071	Shaft, Finger Rod Right (Short)
6.	119069	Shaft, Finger Rod Plug Right (Long)
7.	106002	Flangett, 2-Hole
8.	102035	Bearing, UHMW Split Center (White)
9.	106000	Finger, Rubber (176 per machine)
10.	900400*	Pickup Tube Assembly--with spiders
11.	103044	Cam Arm
12.	102015	Bearing, Cam
13.	102034	Bearing, UHMW End (Black)
14.	103000	Cam, LH Track
15.	103001	Cam, RH Track
16.	900220-A	2-Hole Spider
17.	900221-A	4-Hole Spider
18.	900402	4" Roller
19.	900401	Hex Roller
20.	900203	Rotor Rod Mount
Not Shown	900470	Complete Pickup Head Assembly } Replaced by 900869

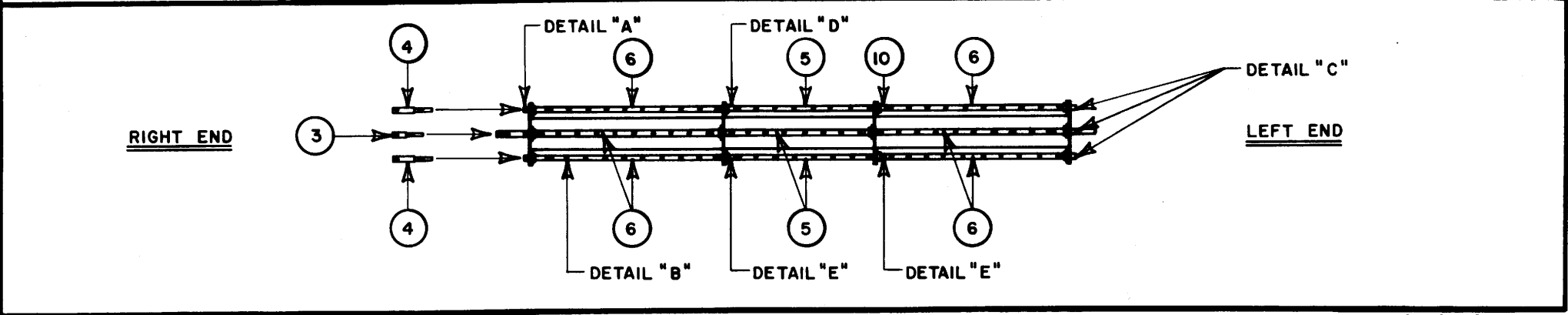
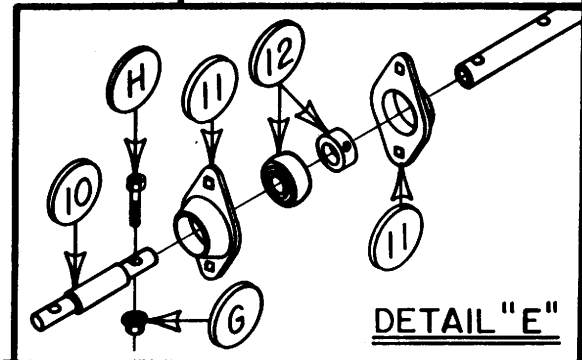
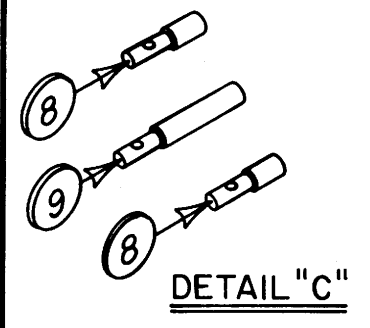
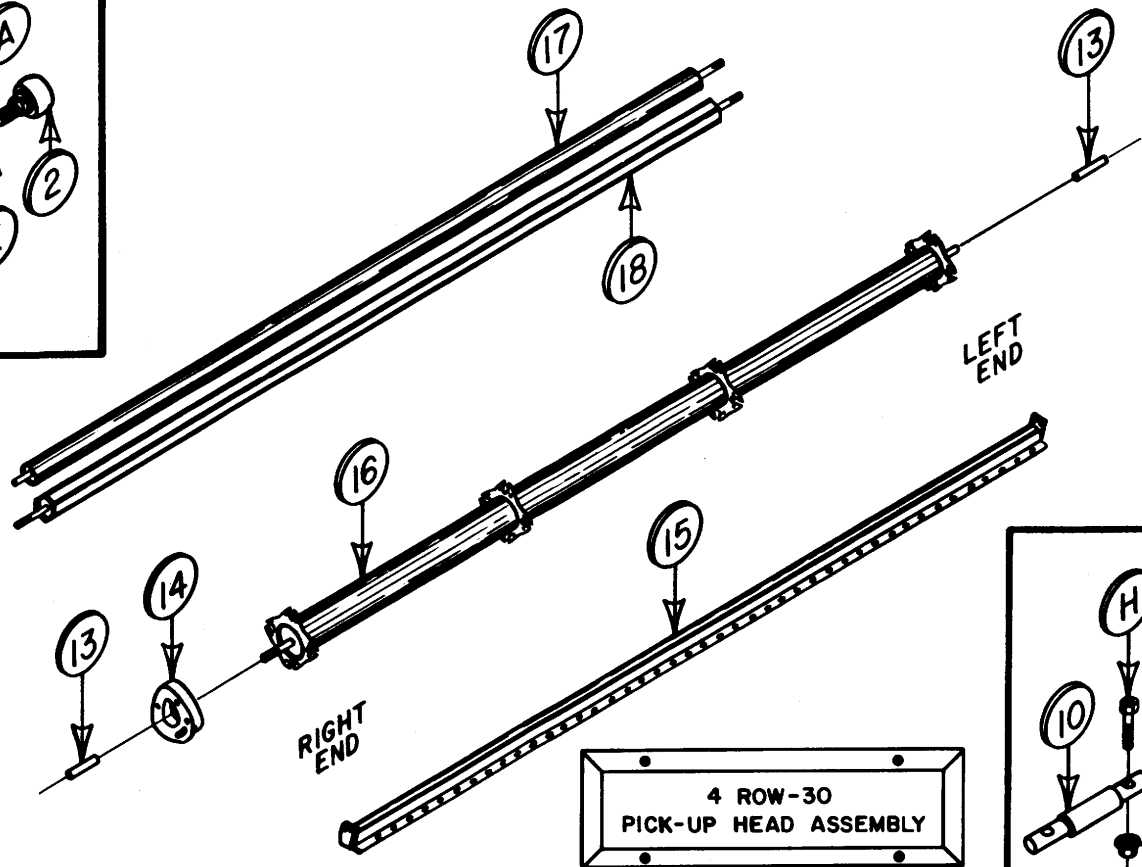
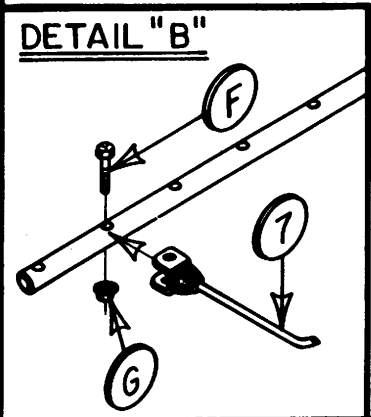
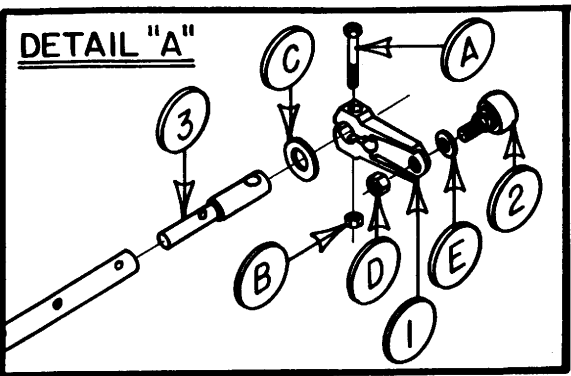
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" x 3" NC Hex Bolt--Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		5/8" NF Jam Hex Nut
D.		5/8" Flat Washer
E.		1/4" x 3/4" NC Carriage Bolt
F.		1/4" NC Nyloc Hex Nut
G.		5/16" NC Whiz Nut
H.		5/16" x 1 1/2" NC Hex Bolt

* This part is manufactured on a built-to-order basis only. Call Pickett Equipment for availability and lead time.

Conversion Kits available for this machine (See Service Update Section)

<u>Kit No.</u>	<u>Description</u>
901246	Pick Up Head Conversion Kit (6 Row 30" and 8 Row 22") Obsolete No. UPH 940003



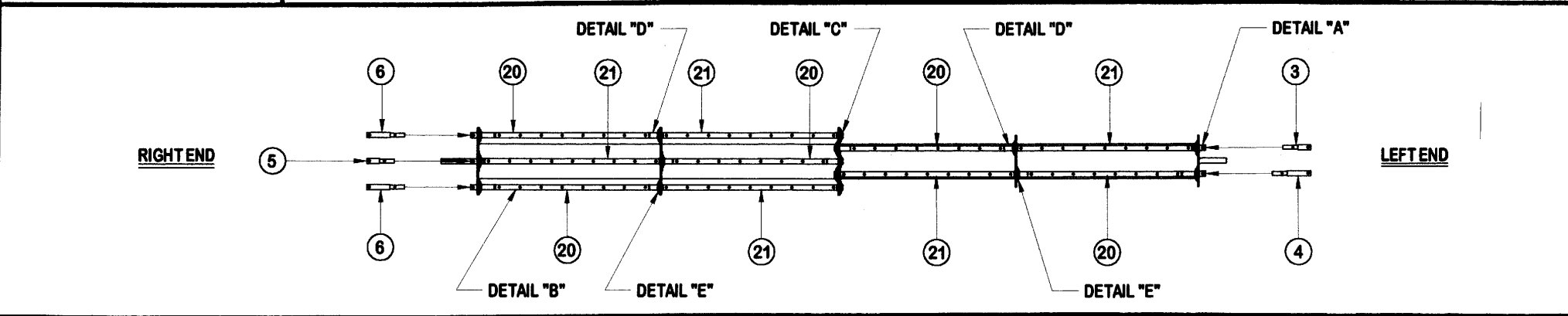
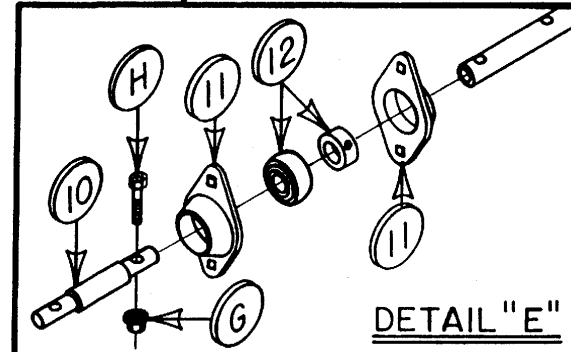
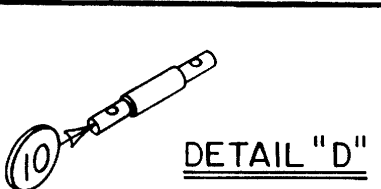
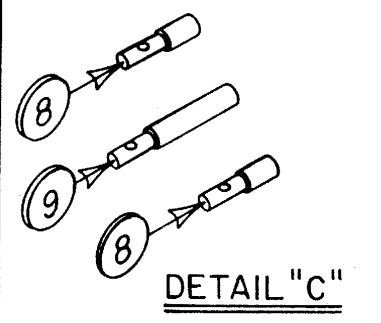
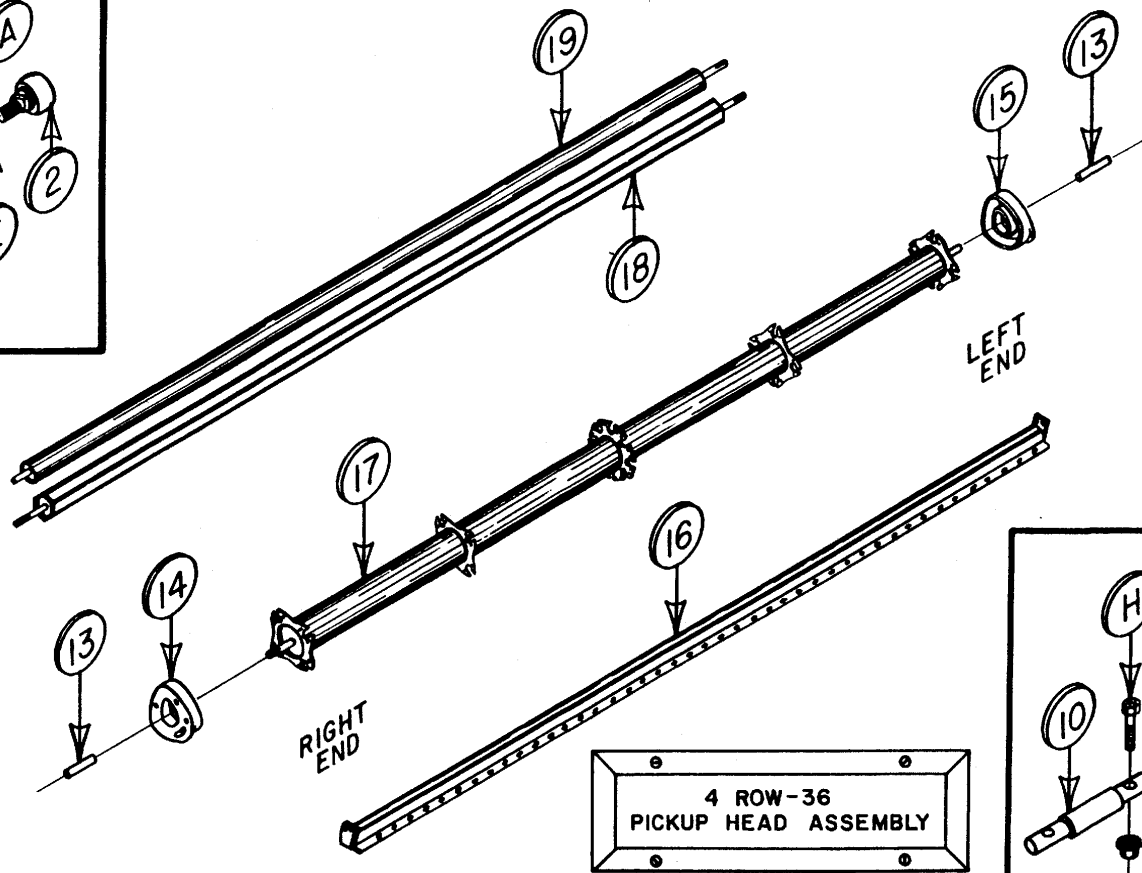
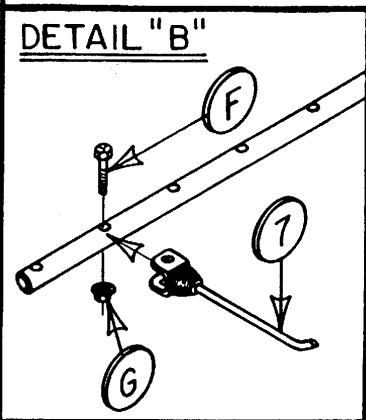
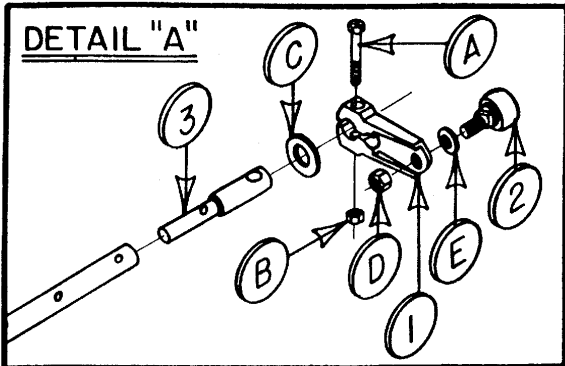
PICKUP HEAD ASSEMBLY—4 Row 30 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119071	Shaft, R.H. Short Finger Rod Stub
4.	119069	Shaft, R.H. Long Finger Rod Stub
5.	900940	Finger Rod 29 ³ / ₈ ", 4 Required per P.U.H.
6.	900866	Finger Rod 37 ³ / ₈ ", 8 Required per P.U.H.
7.	106000	Finger, Rubberized—112 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	900068	Rotor Rod Mount
16.	900977	Pickup Tube with Four Spiders
17.	900060	4" Roller
18.	900064	Hex Roller
Not Shown	900978	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 For use on Fingers only
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 For use on all couplers and stub shafts



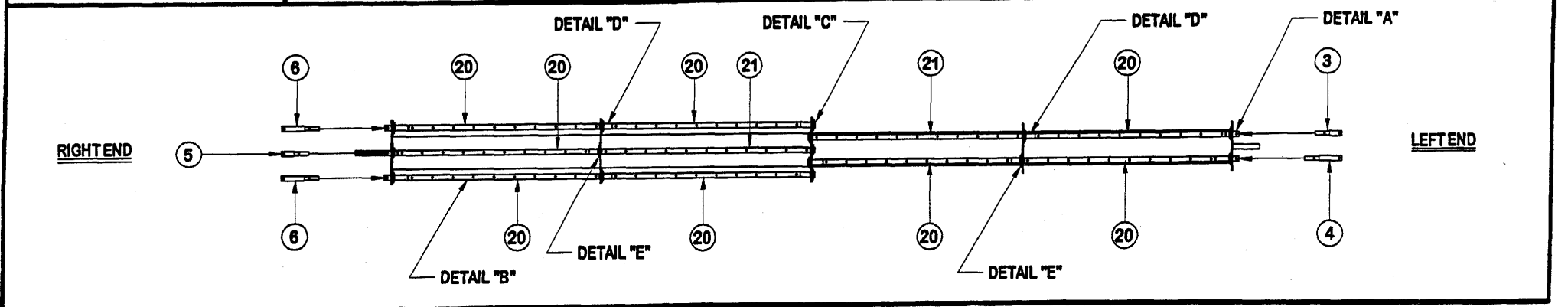
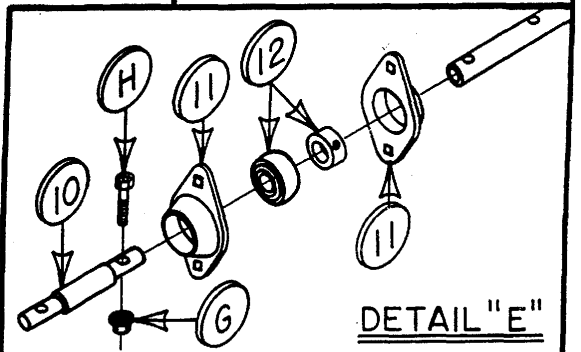
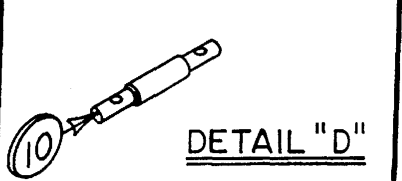
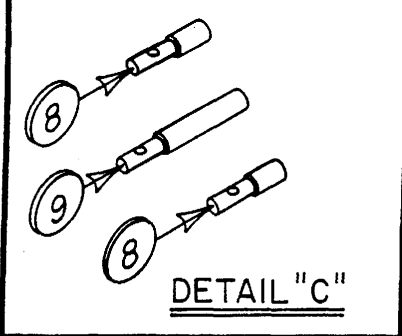
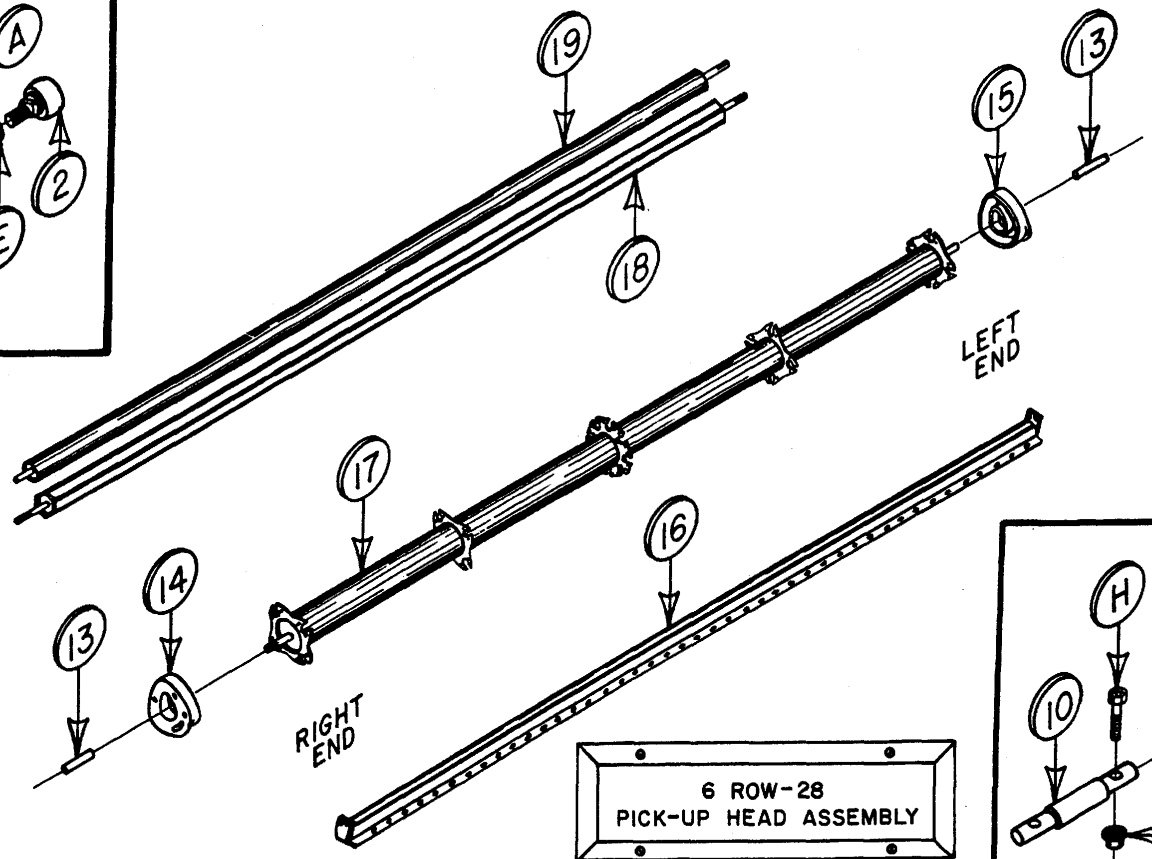
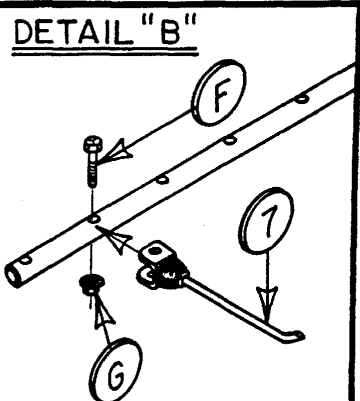
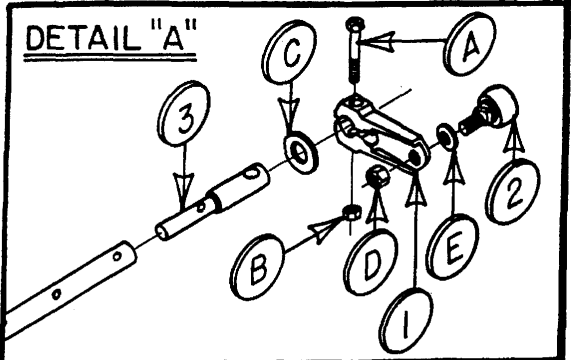
PICKUP HEAD ASSEMBLY—4 Row 36 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	901130	Rotor Rod Mount
17.	901124	Pickup Tube with 5 spiders
18.	901127	Hex Roller
19.	901122	4" Roller
20.	900940	Finger Rod 29 ³ / ₈ ", 8 required per P.U.H.
21.	900897	Finger Rod 33 ³ / ₈ ", 8 required per P.U.H.
Not Shown	901125	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 For use on Fingers only
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 for use on all couplers and stub shafts



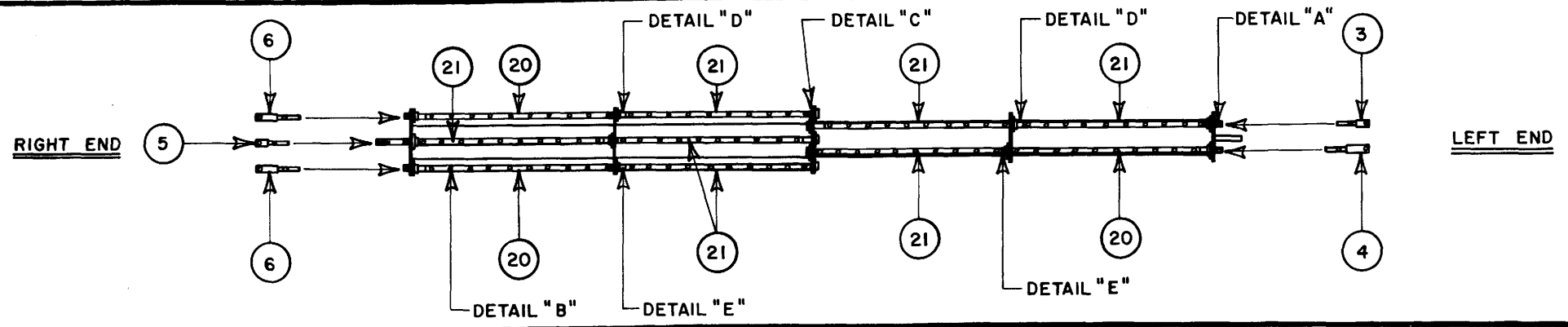
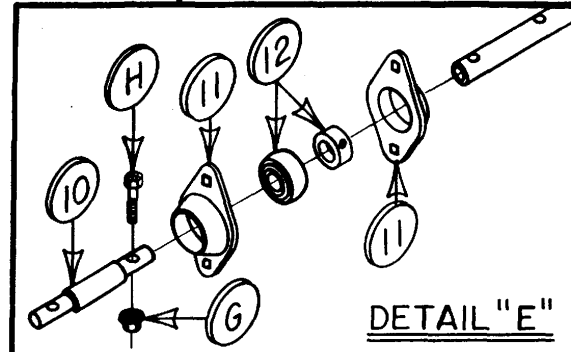
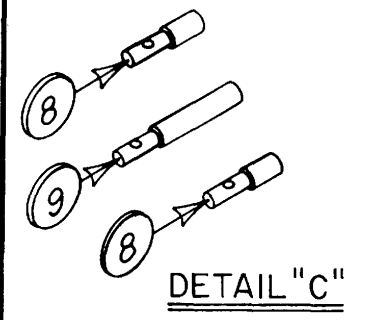
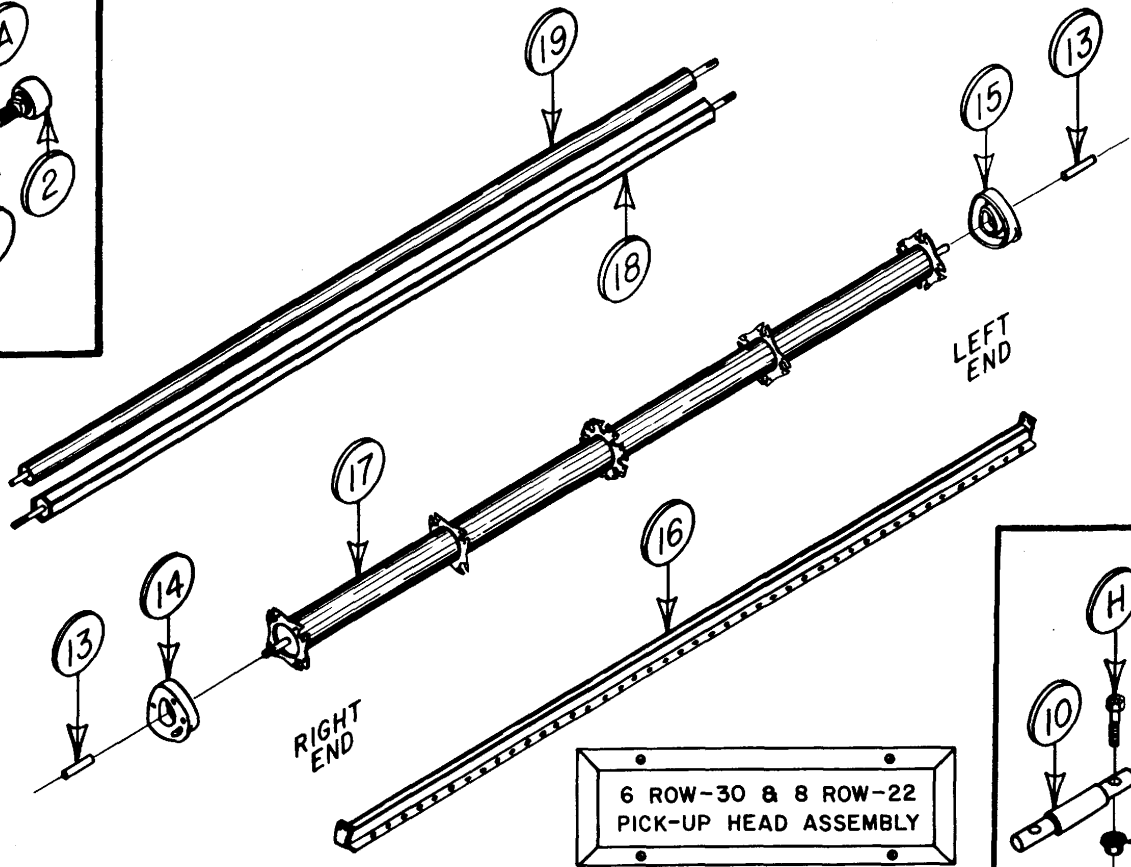
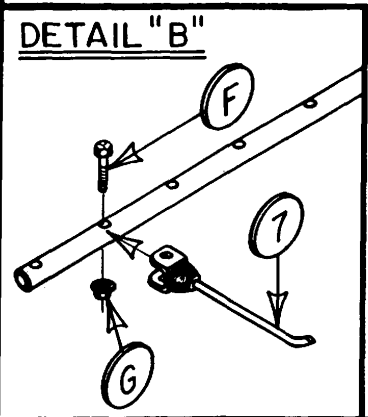
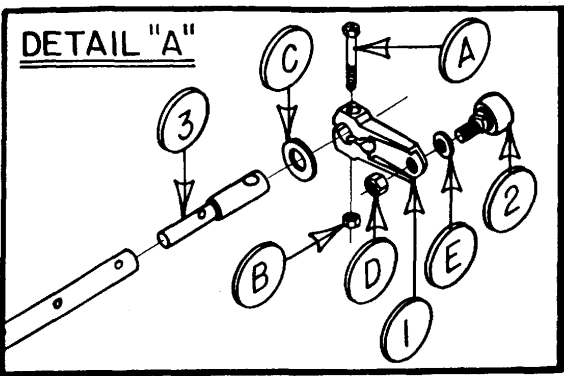
PICKUP HEAD ASSEMBLY—6 Row 28 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—160 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900958	Rotor Rod Mount
17.	900952	Pickup Tube with 5 Spiders
18.	900955	Hex Roller
19.	900949	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ "—12 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—4 Required per P.U.H.
Not Shown	900953	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 For use on Fingers only
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 for use on all couplers and stub shafts



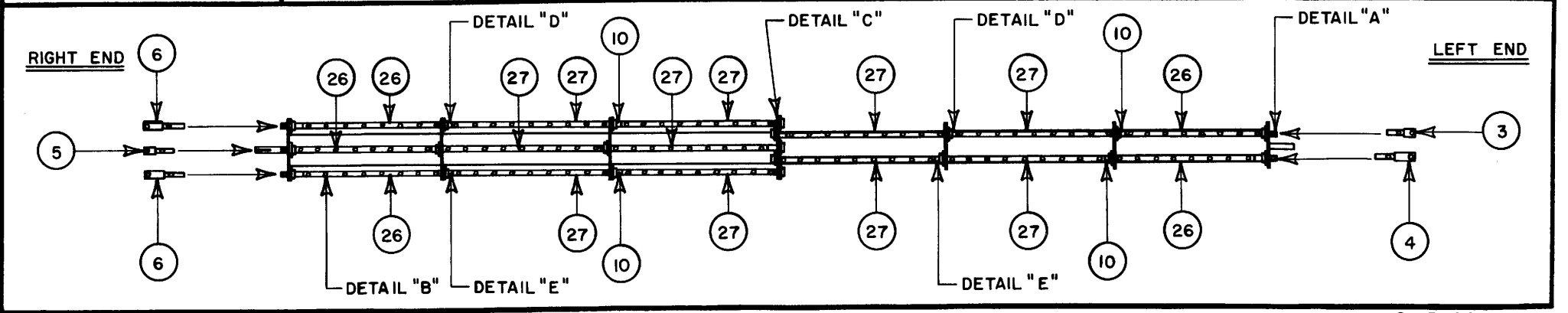
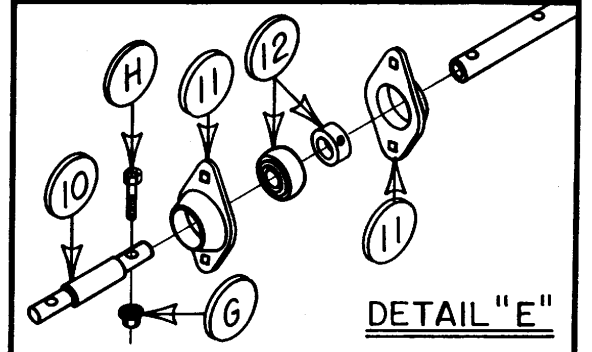
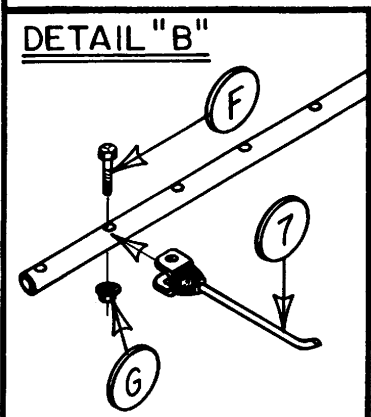
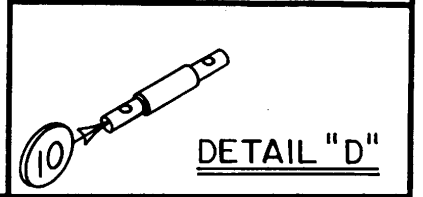
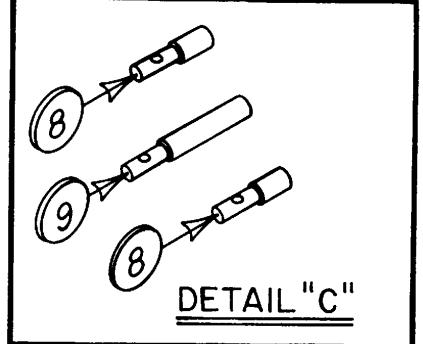
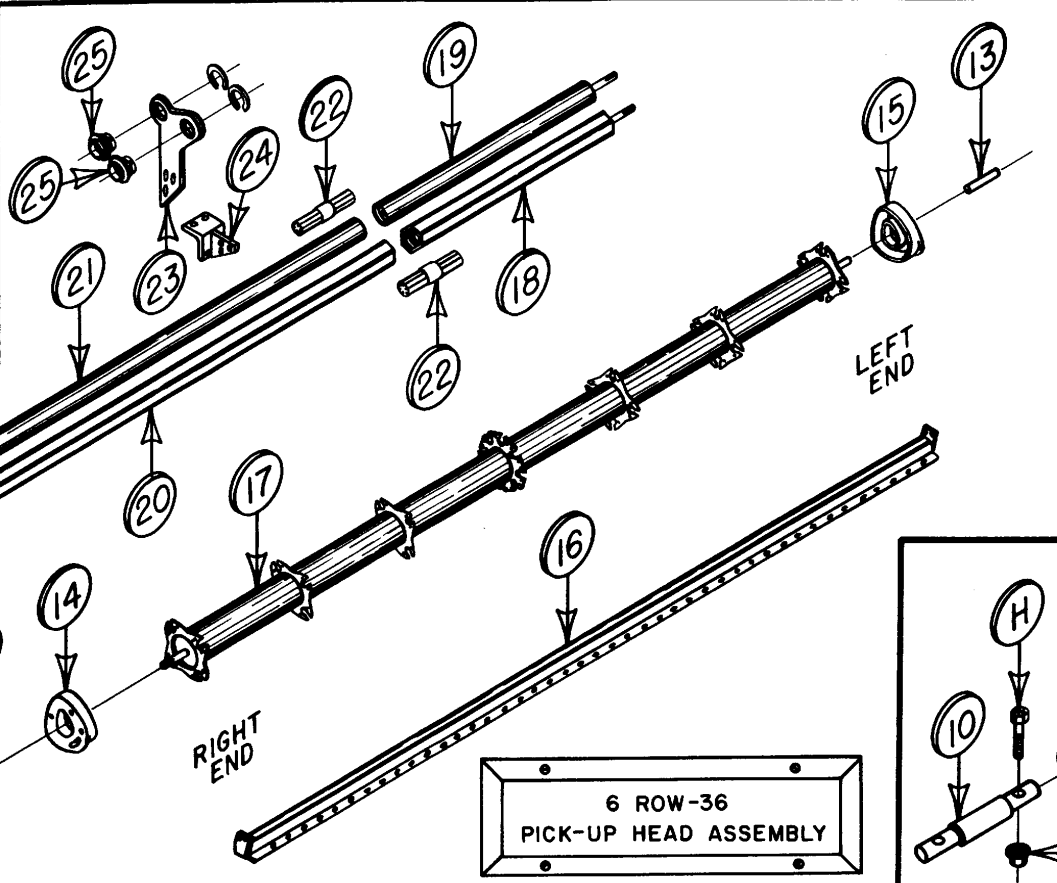
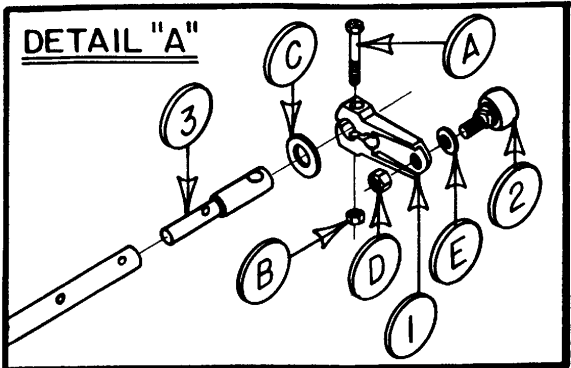
PICKUP HEAD ASSEMBLY—6 Row 30 & 8 Row 22 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—172 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900203	Rotor Rod Mount
17.	900868	Pickup Tube with 5 Spiders
18.	900401	Hex Roller
19.	900402	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ " - 4 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—12 Required per P.U.H
Not Shown	900869	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 For use on Fingers only
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 For use on all couplers and stub shafts



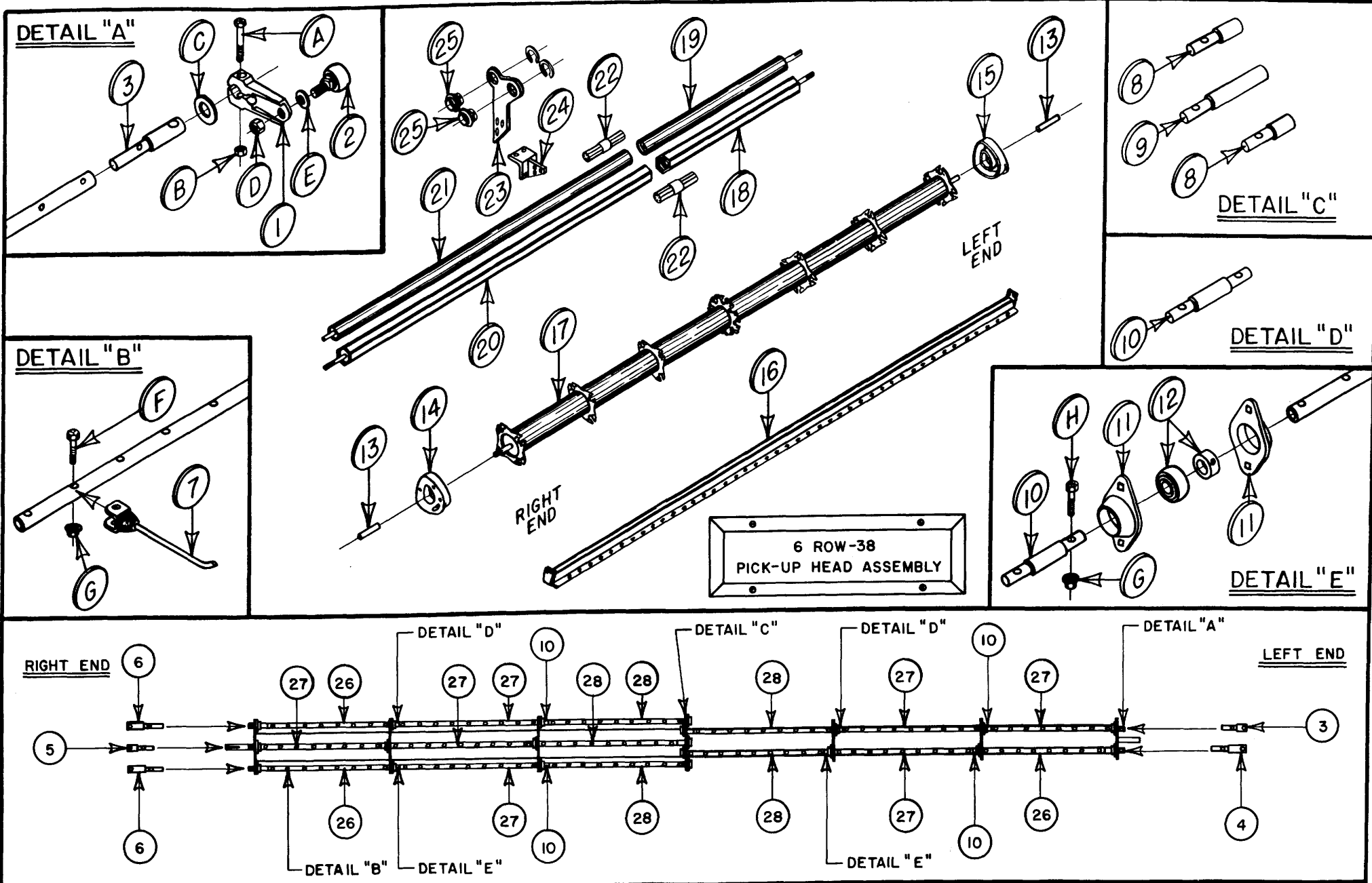
PICKUP HEAD ASSEMBLY—6 Row 36 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—208 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900799	Rotor Rod Mount
17.	900964	Pickup Tube with 7 Spiders
18.	900771	Split Hex Roller—Short } Replaced by 901290
19.	900773	Split 4" Roller—Short } Replaced by 901289
20.	900792	Split Hex Roller—Long } Replaced by 901290
21.	900790	Split 4" Roller—Long } Replaced by 901289
22.	900766	Shaft, 6-Splined Coupler
23.	900760	Bearing Mount Plate } Replaced by 901277
24.	900765	Split Roller Mount
25.	102065	Bearing, 1 ³ / ₈ " Split Roller with 2 Snap Rings } Replaced by 102080
26.	900940	Finger Rod, 29 ³ / ₈ "—8 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—16 Required per P.U.H.
Not Shown	900965	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



PICKUP HEAD ASSEMBLY—6 Row 38 (1994–1995)

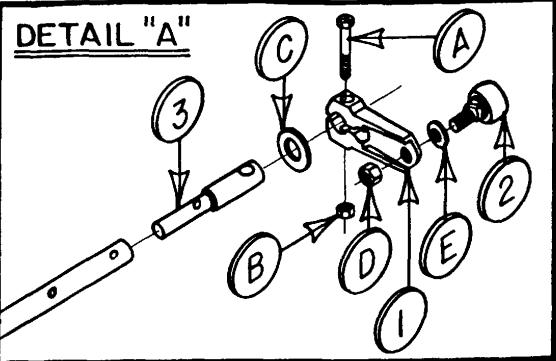
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—220 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900820	Rotor Rod Mount
17.	900946	Pickup Tube with 7 Spiders
18.	900771	Split Hex Roller—Short } Replaced by 901292
19.	900773	Split 4" Roller—Short } Replaced by 901291
20.	900812	Split Hex Roller—Long } Replaced by 901292
21.	900810	Split 4" Roller—Long } Replaced by 901291
22.	900766	Shaft, 6-Splined Coupler
23.	900760	Bearing Mount Plate } Replaced by 901277
24.	900765	Split Roller Mount
25.	102065	Bearing, 1 ³ / ₈ " Split Roller with 2 Snap Rings } Replaced by 102080
26.	900940	Finger Rod, 29 ³ / ₈ "—4 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—12 Required per P.U.H.
28.	900866	Finger Rod, 37 ³ / ₈ "—8 Required per P.U.H.
Not Shown	900945	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

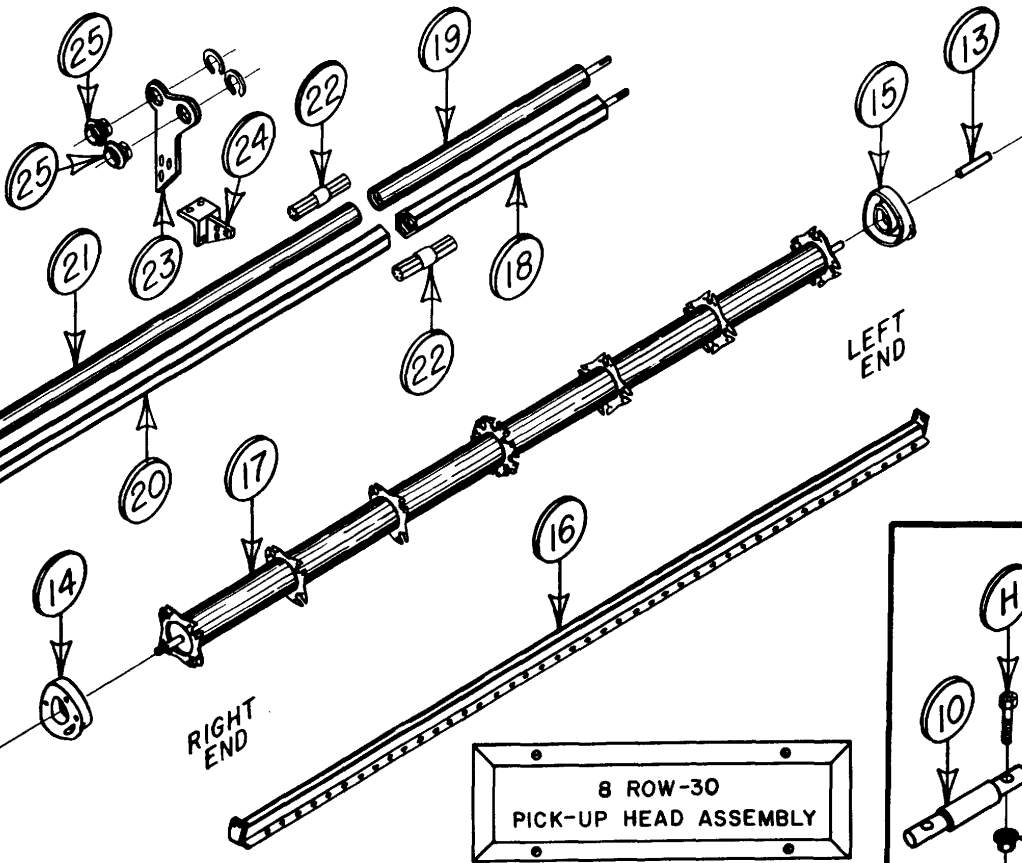
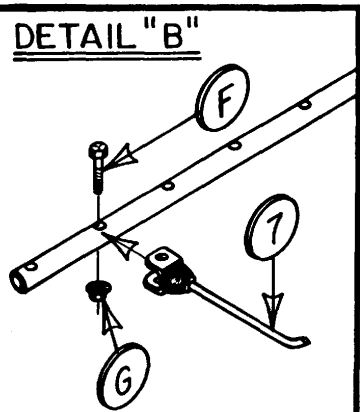
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1 ¹ / ₂ " NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1 ¹ / ₂ " NC Hex Bolt—Grade 8 for use on all couplers and stub shafts

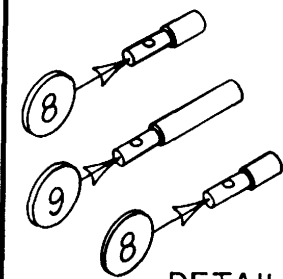
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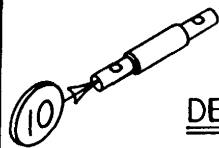
DETAIL "B"



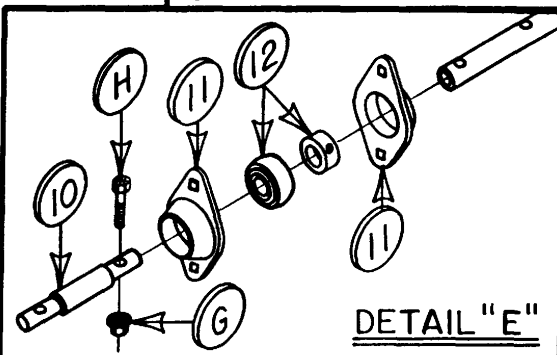
DETAIL "C"



DETAIL "D"

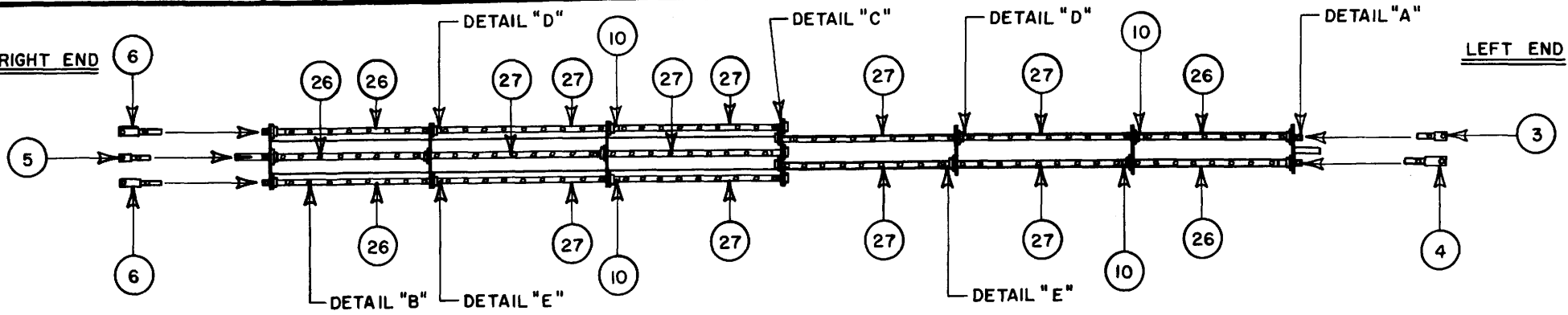


DETAIL "E"



RIGHT END

LEFT END



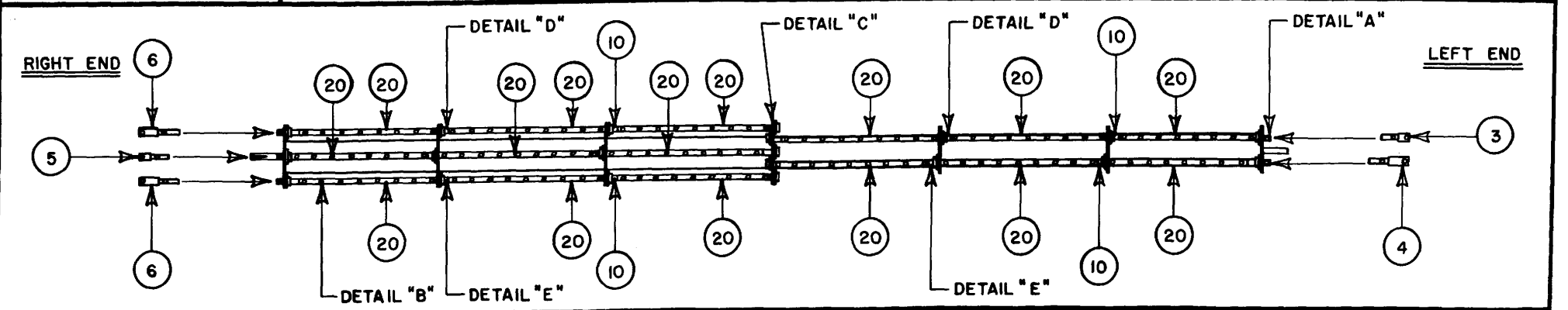
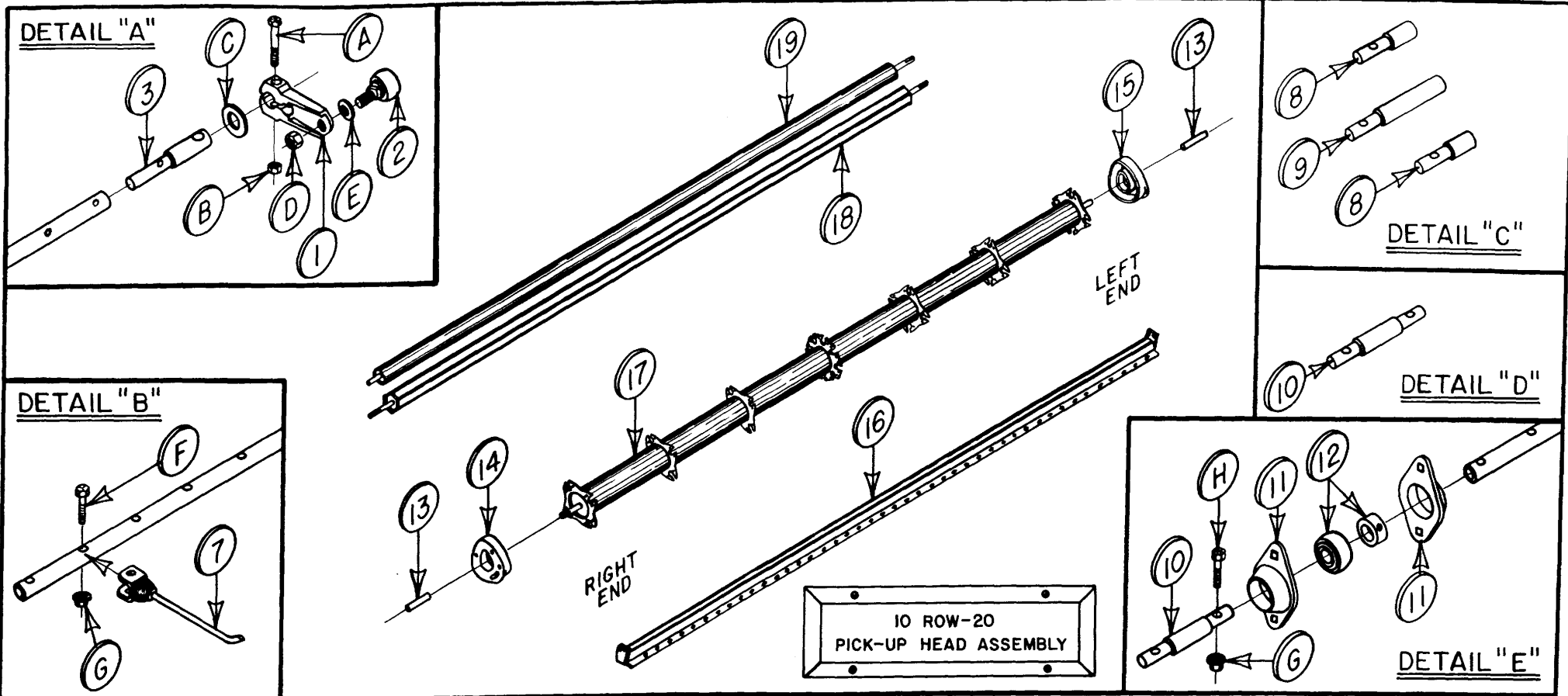
PICKUP HEAD ASSEMBLY—8 Row 30 (1994–1995)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—232 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900780	Rotor Rod Mount
17.	900969	Pickup Tube with 7 Spiders
18.	900771	Split Hex Roller—Short }Replaced by 901294
19.	900773	Split 4" Roller—Short }Replaced by 901293
20.	900770	Split Hex Roller—Long }Replaced by 901294
21.	900772	Split 4" Roller—Long }Replaced by 901293
22.	900766	Shaft, 6-Splined Coupler
23.	900760	Bearing Mount Plate }Replaced by 901277
24.	900765	Split Roller Mount
25.	102065	Bearing, 1 ³ / ₈ " Split Roller with 2 Snap Rings }Replaced by 102080
26.	900897	Finger Rod, 33 ³ / ₈ "—8 Required per P.U.H.
27.	900866	Finger Rod, 37 ³ / ₈ "—16 Required per P.U.H.
Not Shown	900970	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1 ¹ / ₂ " NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1 ¹ / ₂ " NC Hex Bolt—Grade 8 (for use on all couplers and stub shaft)



PICKUP HEAD ASSEMBLY—10 Row 20" (1994–1995)

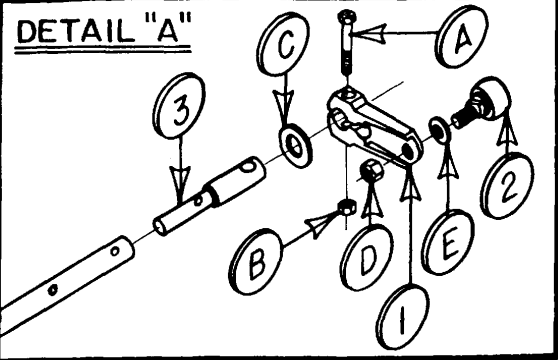
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—192 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	905128	Rotor Rod Mount
17.	900971	Pickup Tube with 7 Spiders
18.	905125	Hex Roller
19.	905123	4" Roller
20.	900940	Finger Rod, 29 ³ / ₈ "—24 Required per P.U.H.
Not Shown	900972	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole End Spider (sold in pairs)

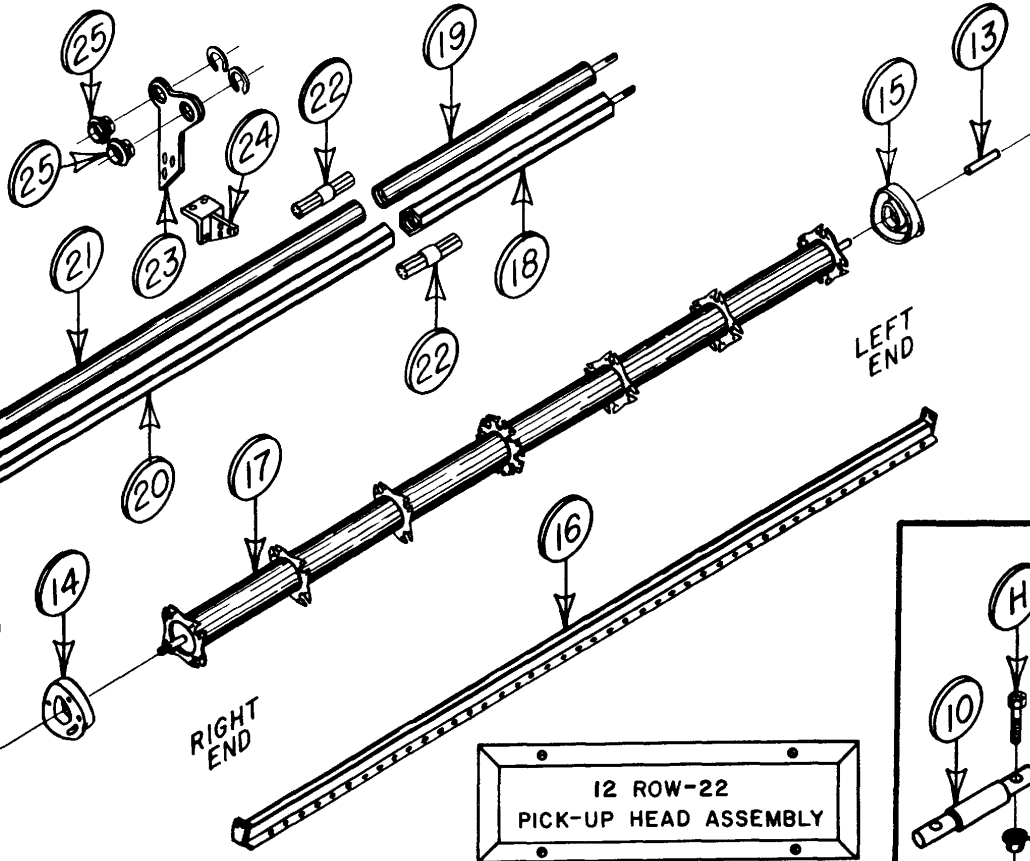
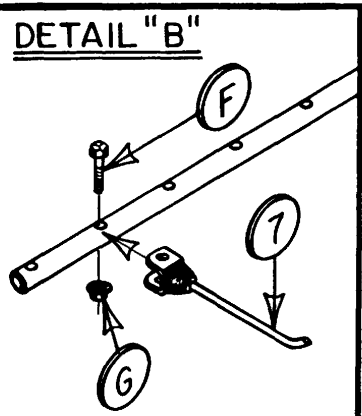
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 For use on Fingers only
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 For use on all couplers and stub shafts

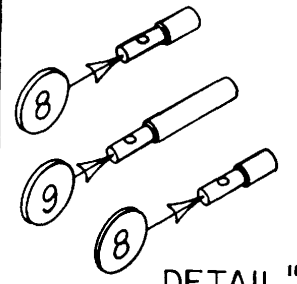
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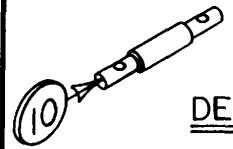
DETAIL "B"



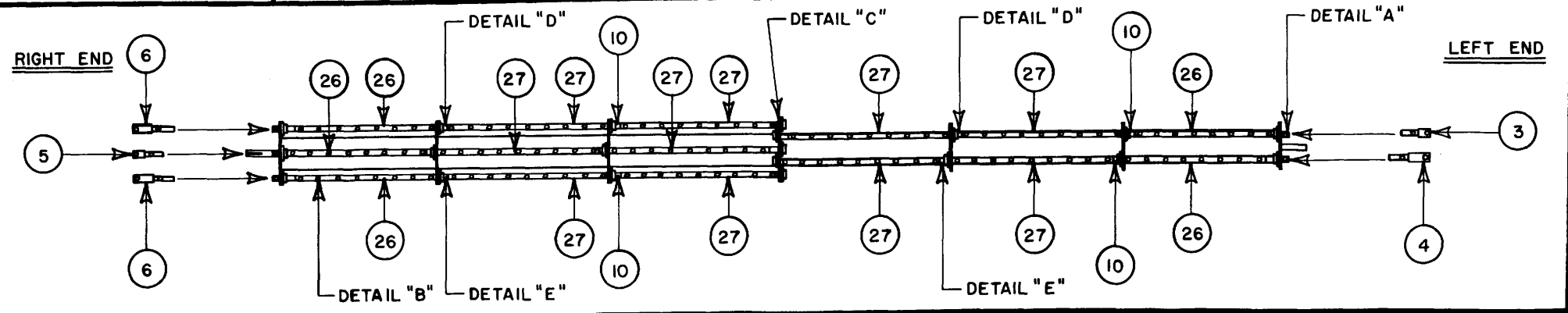
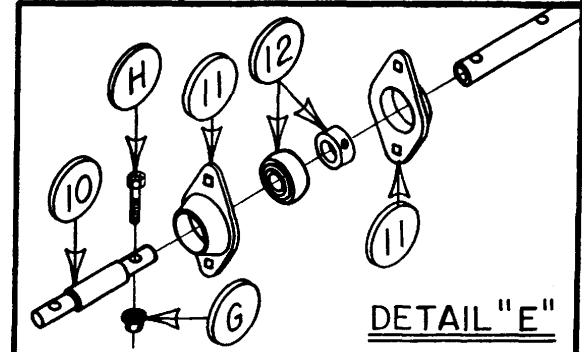
DETAIL "C"



DETAIL "D"



DETAIL "E"



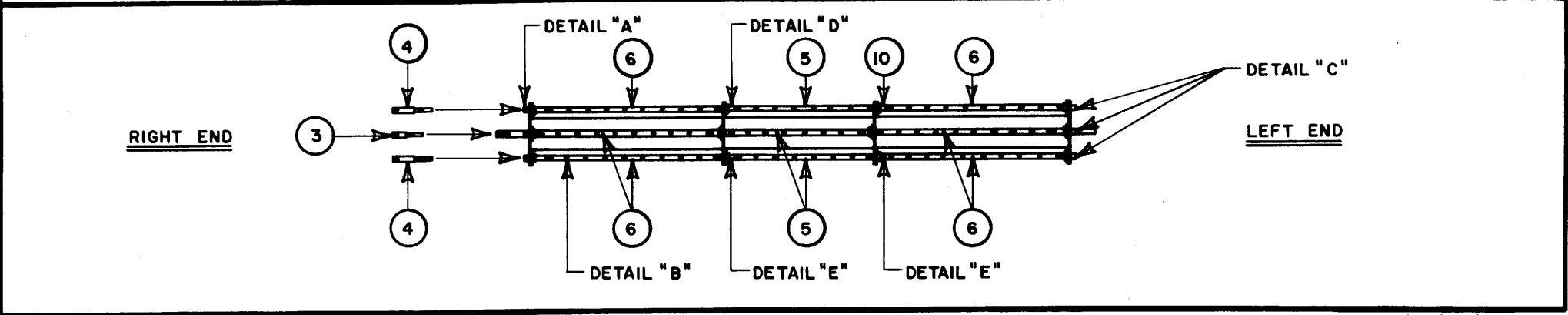
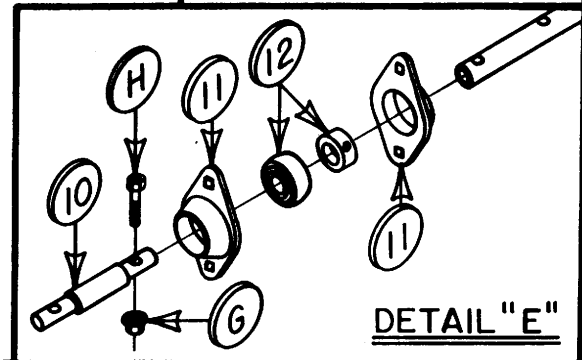
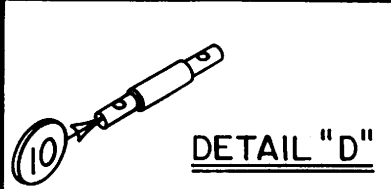
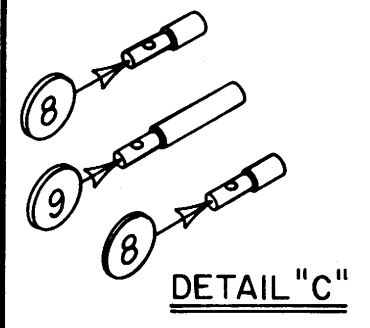
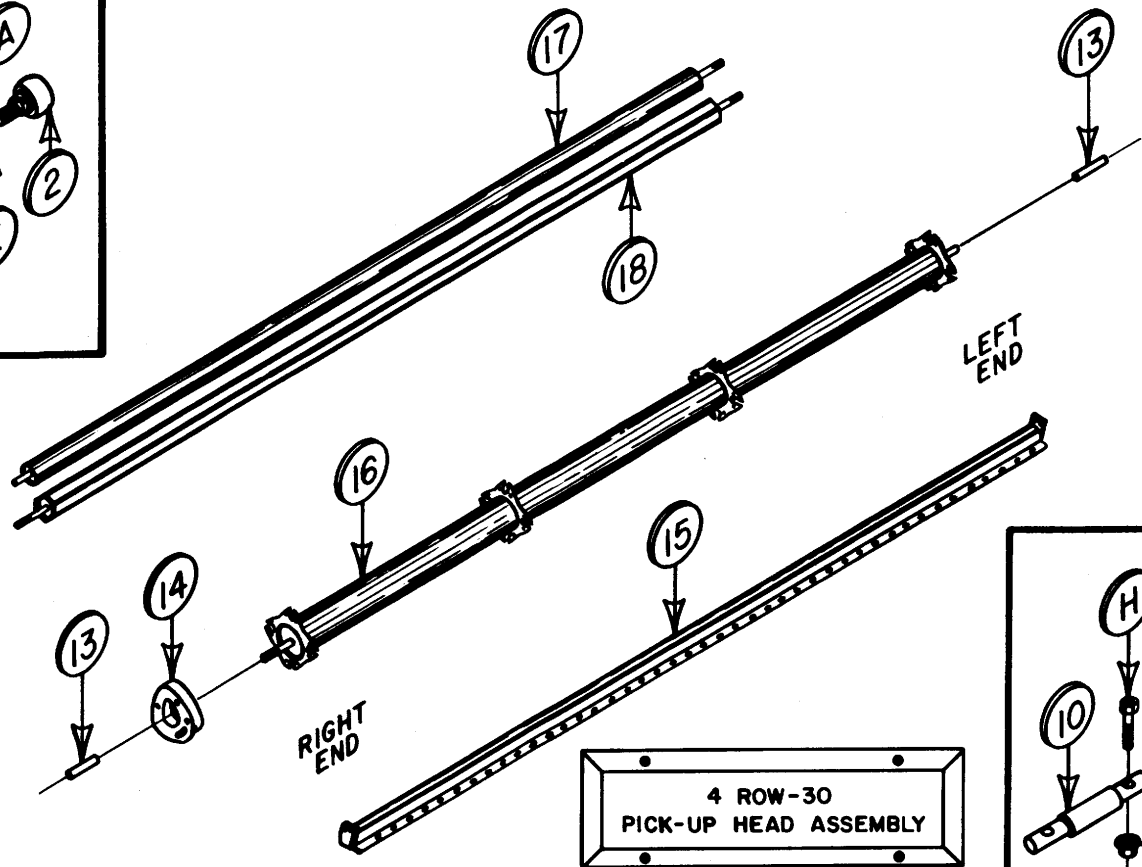
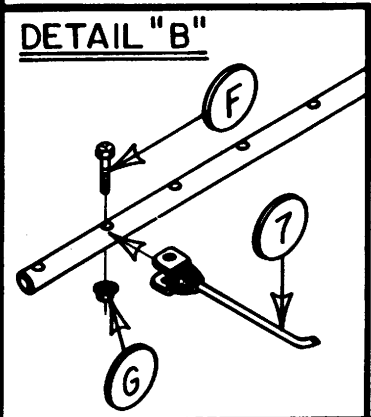
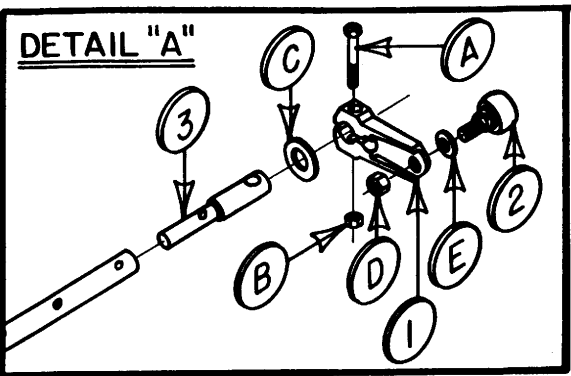
PICKUP HEAD ASSEMBLY—12 Row 22” (1994–1995)

PARTS LIST

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—256 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1” Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900878	Rotor Rod Mount
17.	900974	Pickup Tube with 7 Spiders
18.	900771	Split Hex Roller—Short } Replaced by 901296
19.	900773	Split 4” Roller—Short } Replaced by 901295
20.	900886	Split Hex Roller—Long } Replaced by 901296
21.	900884	Split 4” Roller—Long } Replaced by 901295
22.	900766	Shaft, 6-Splined Coupler
23.	900760	Bearing Mount Plate } Replaced by 901277
24.	900765	Split Roller Mount
25.	102065	Bearing, 1 ³ / ₈ ” Split Roller with 2 Snap Rings } Replaced by 102080
26.	900866	Finger Rod, 3 ⁷ / ₈ ”—8 Required per P.U.H.
27.	900867	Finger Rod, 4 ¹ / ₈ ”—16 Required per P.U.H.
Not Shown	900975	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole End Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16” × 3” NC Hex Bolt—Grade 8
B.		7/16” NC Nyloc Hex Nut
C.		1” SAE Flat Washer
D.		5/8” NF Jam Nut
E.		5/8” Shim Washer
F.		5/16” × 1½” NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16” NC Whiz Nut
H.		5/16” × 1½” NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



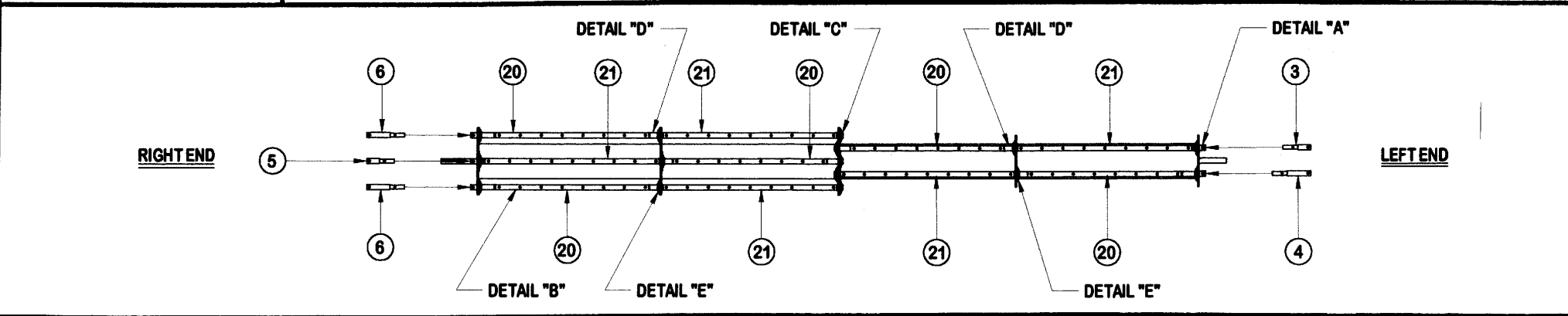
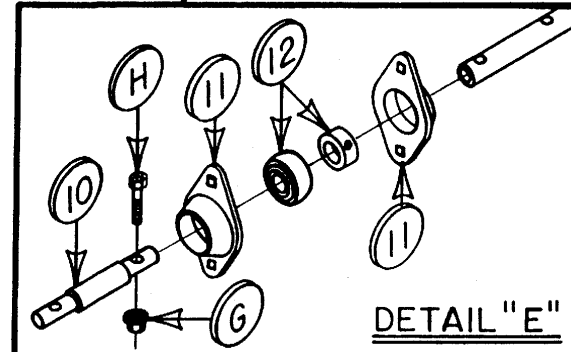
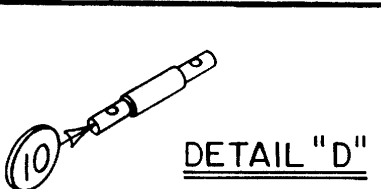
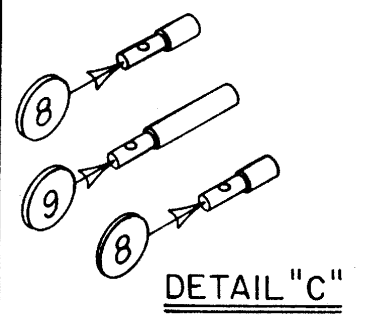
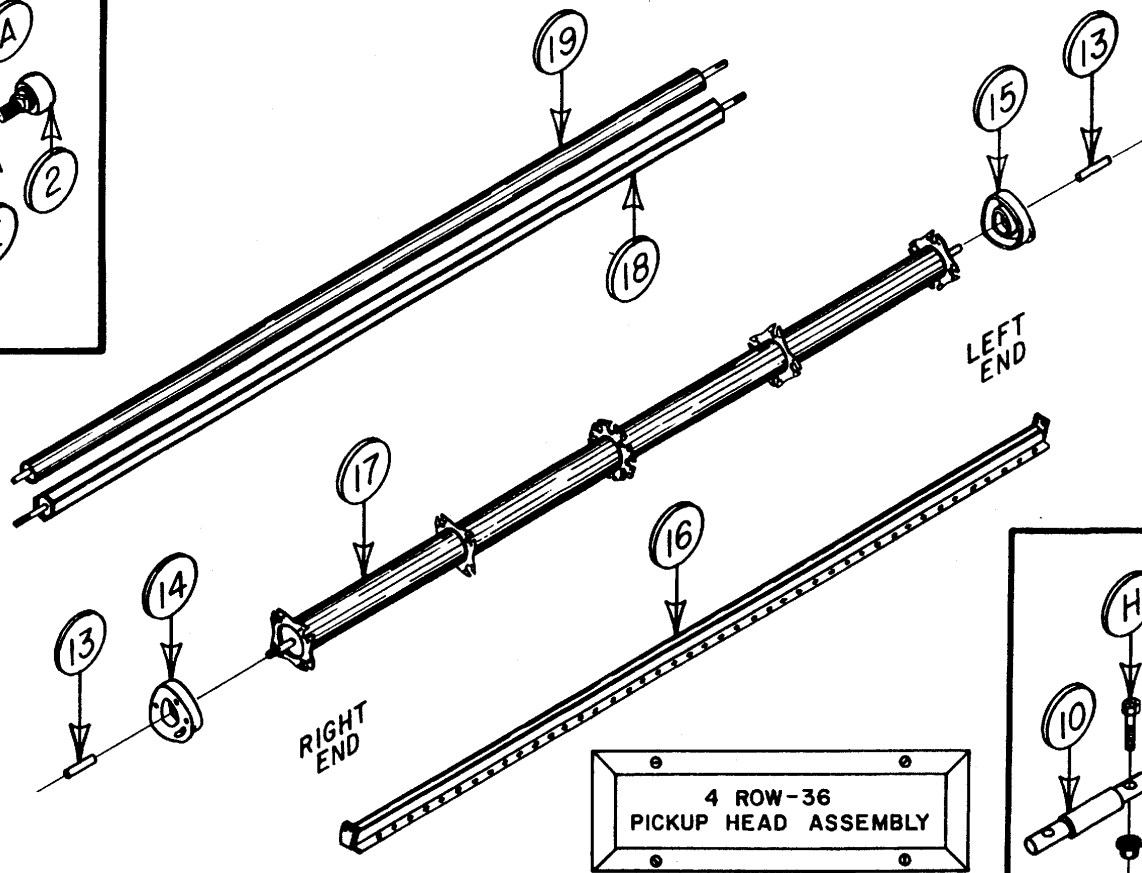
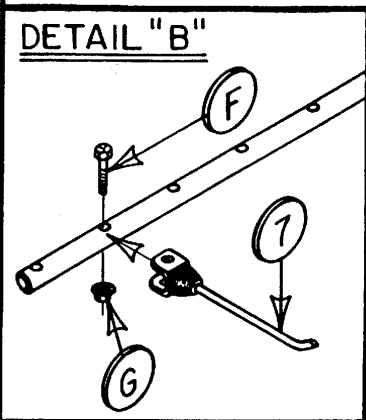
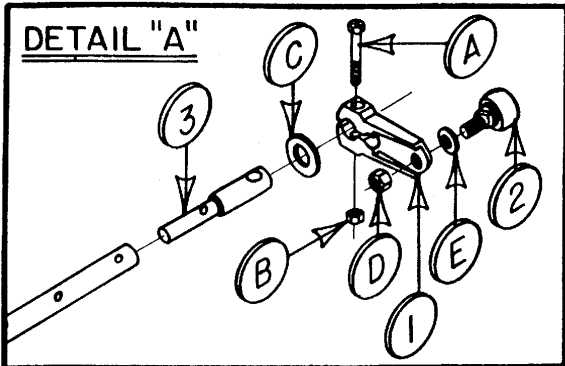
PICKUP HEAD ASSEMBLY—4 Row 30 (1996)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119071	Shaft, R.H. Short Finger Rod Stub
4.	119069	Shaft, R.H. Long Finger Rod Stub
5.	900940	Finger Rod 29 ³ / ₈ ", 4 Required per P.U.H.
6.	900866	Finger Rod 37 ³ / ₈ "—8 Required per P.U.H.
7.	106000	Finger, Rubberized—112 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	900068	Rotor Rod Mount
16.	900977	Pickup Tube—with Four Spiders
17.	900060	4" Roller
18.	900064	Hex Roller
Not Shown	900978	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)



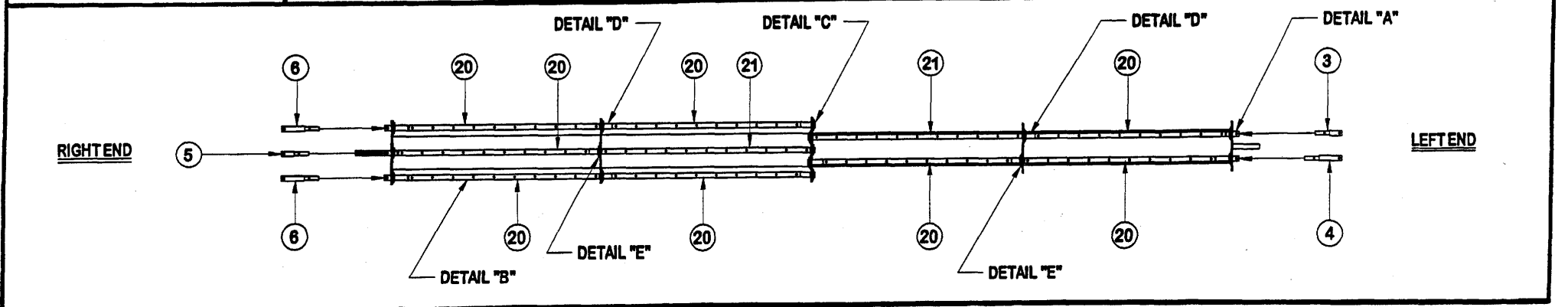
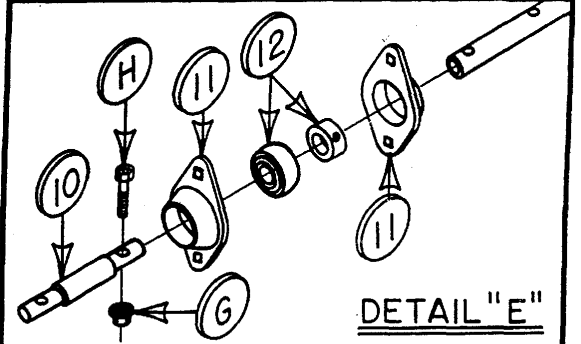
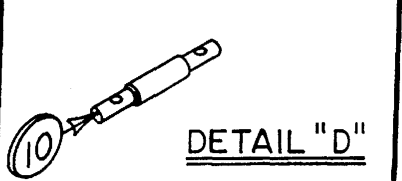
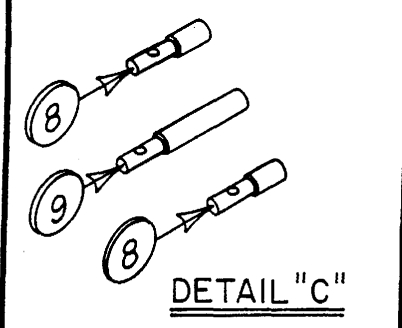
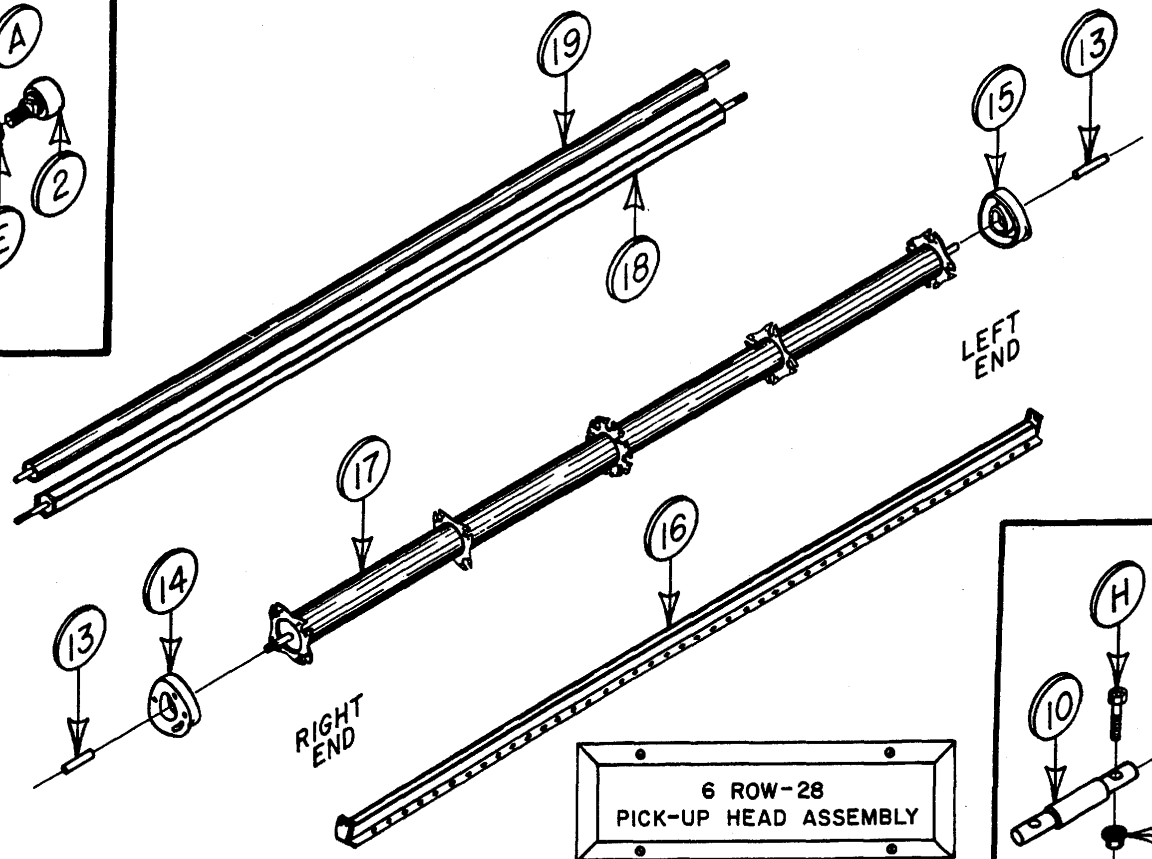
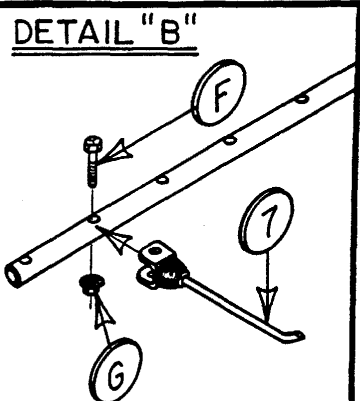
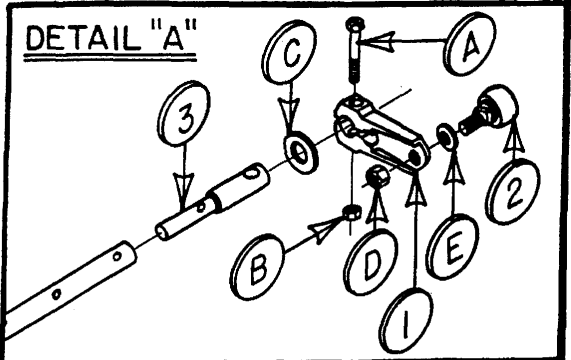
PICKUP HEAD ASSEMBLY—4 Row 36 (1996)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	901130	Rotor Rod Mount
17.	901124	Pickup Tube with 5 spiders
18.	901127	Hex Roller
19.	901122	4" Roller
20.	900940	Finger Rod 29 ³ / ₈ "—8 required per P.U.H.
21.	900897	Finger Rod 33 ³ / ₈ "—8 required per P.U.H.
Not Shown	901125	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 for use on all couplers and stub shafts



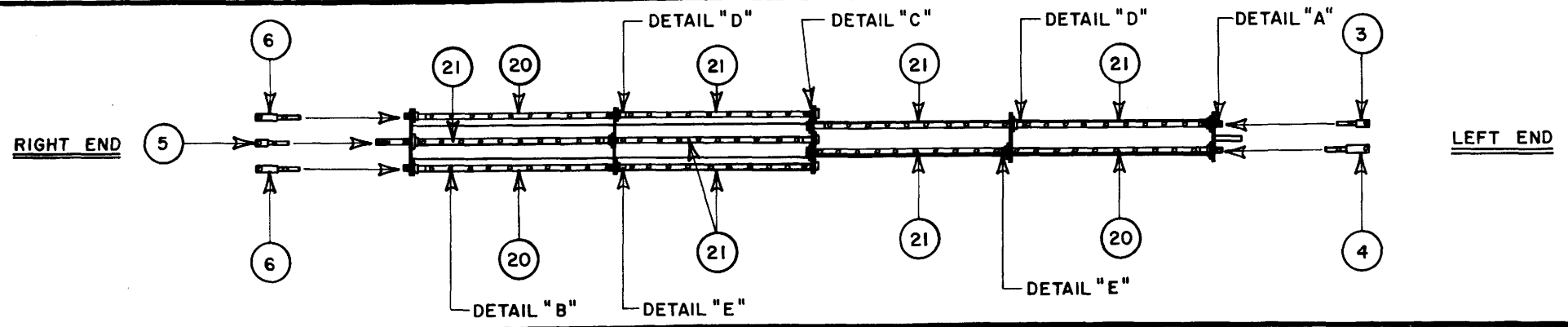
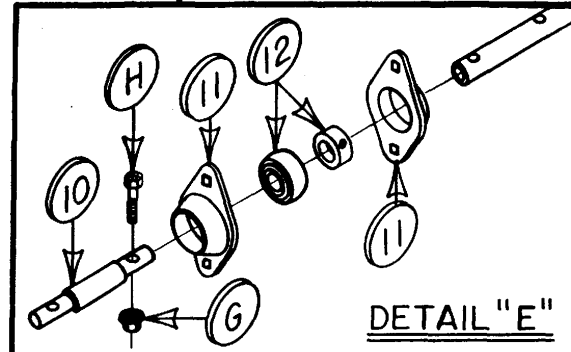
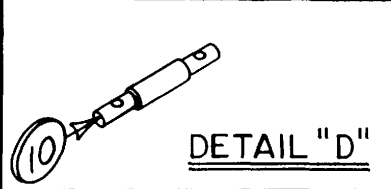
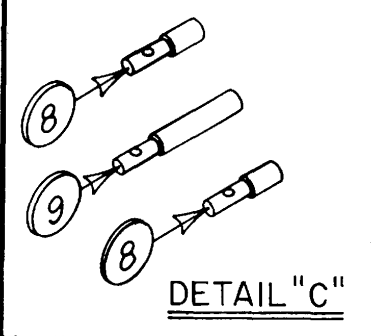
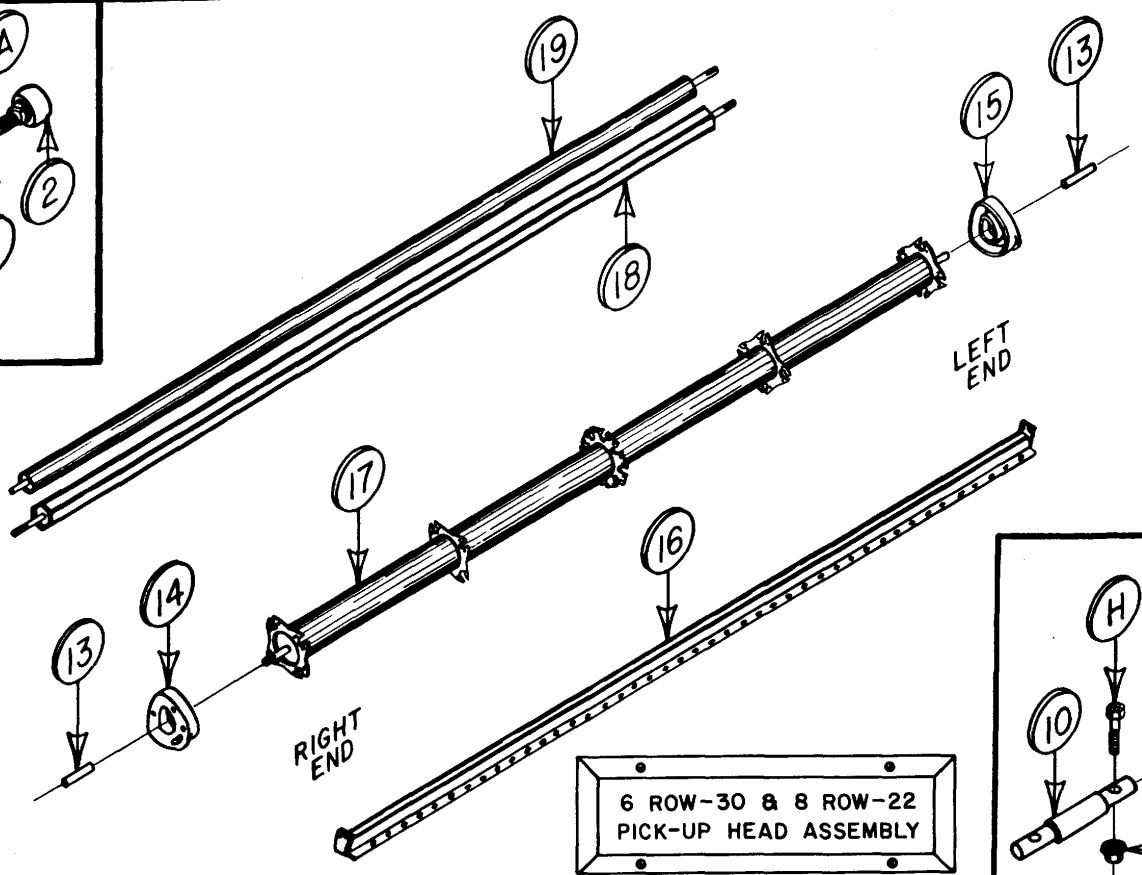
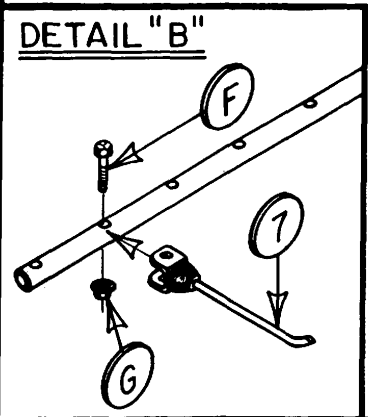
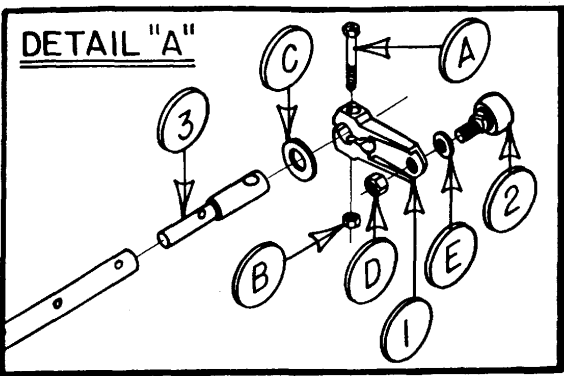
PICKUP HEAD ASSEMBLY—6 Row 28 (1996)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—160 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert w/Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900958	Rotor Rod Mount
17.	900952	Pickup Tube with 5 Spiders
18.	900955	Hex Roller
19.	900949	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ "—12 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—4 Required per P.U.H.
Not Shown	900953	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 for use on all couplers and stub shafts



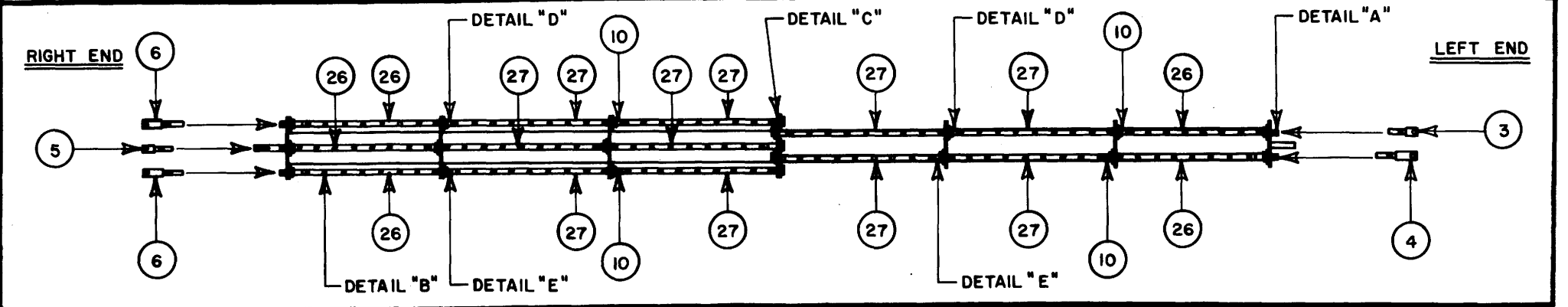
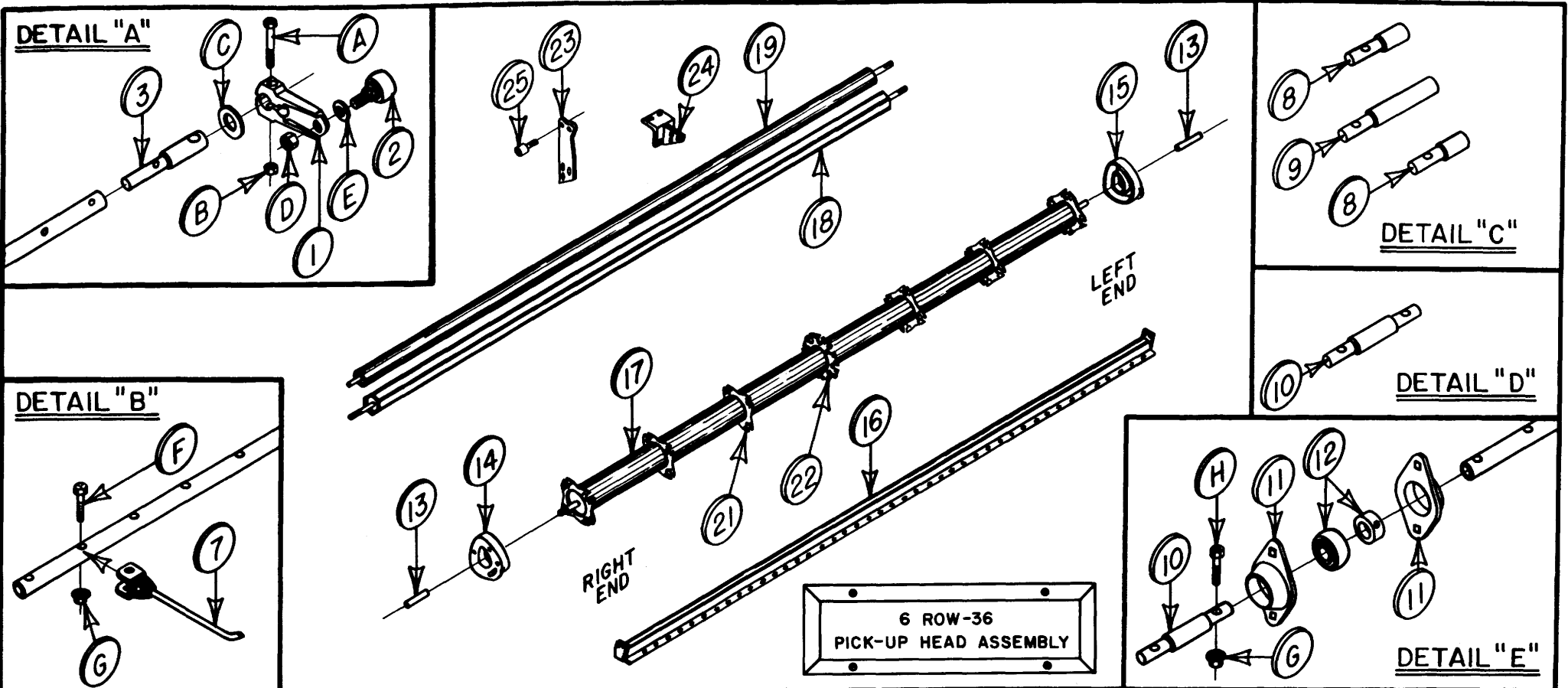
PICKUP HEAD ASSEMBLY—6 Row 30 & 8 Row 22 (1996)

PARTS LIST

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—172 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900203	Rotor Rod Mount
17.	900868	Pickup Tube with 5 Spiders
18.	900401	Hex Roller
19.	900402	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ "—4 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—12 Required per P.U.H.
Not Shown	900869	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



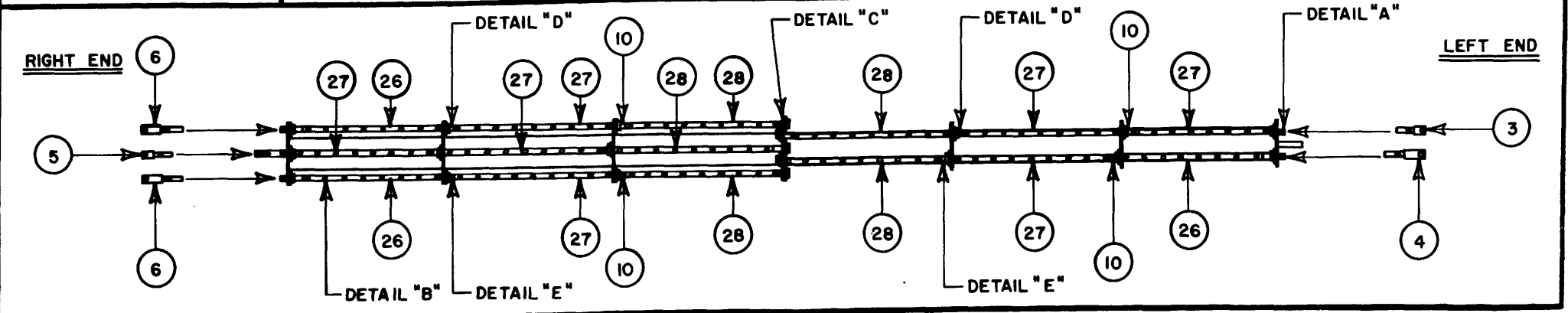
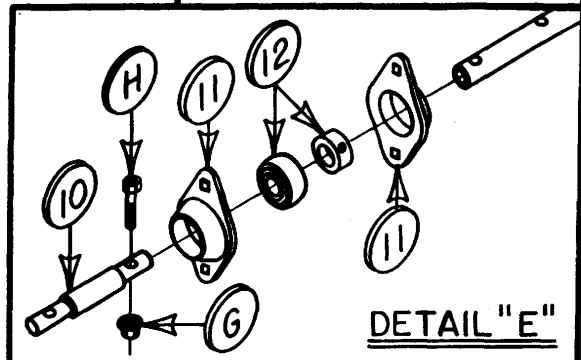
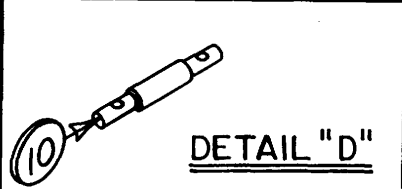
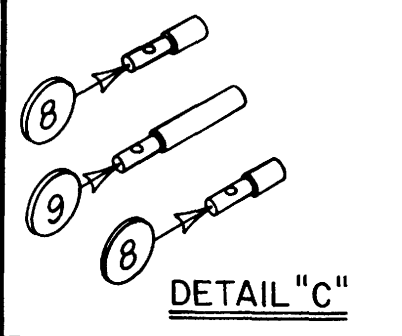
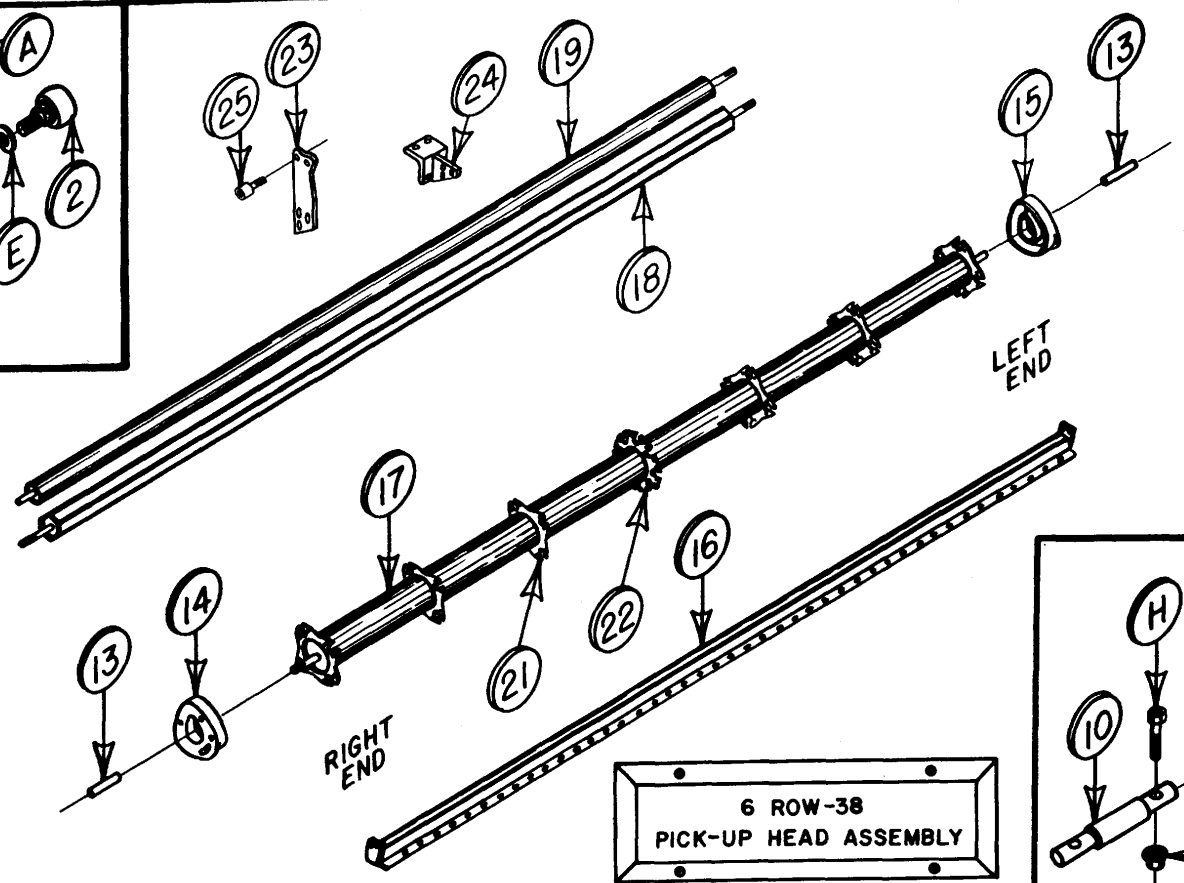
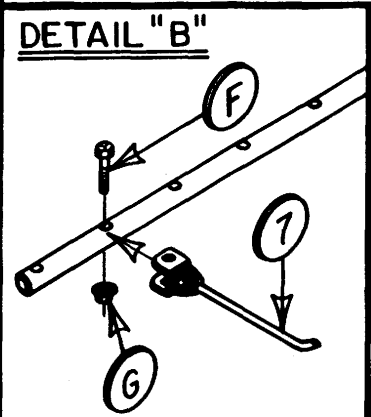
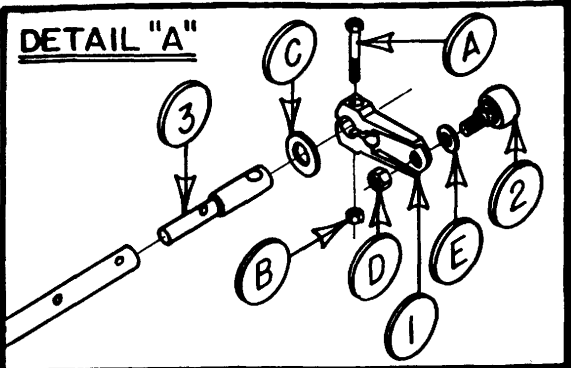
PICKUP HEAD ASSEMBLY—6 Row 36 (1996)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—208 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900799	Rotor Rod Mount
17.	900964	Pickup Tube with 7 Spiders
18.	901290	Hex Roller
19.	901289	4" Roller
Not Shown	900965	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate
24.	900765	Split Roller Mount
25.	102080	Roller Carrier Bearing
26.	900940	Finger Rod, 29 ³ / ₈ "—8 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—16 Required per P.U.H.

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)



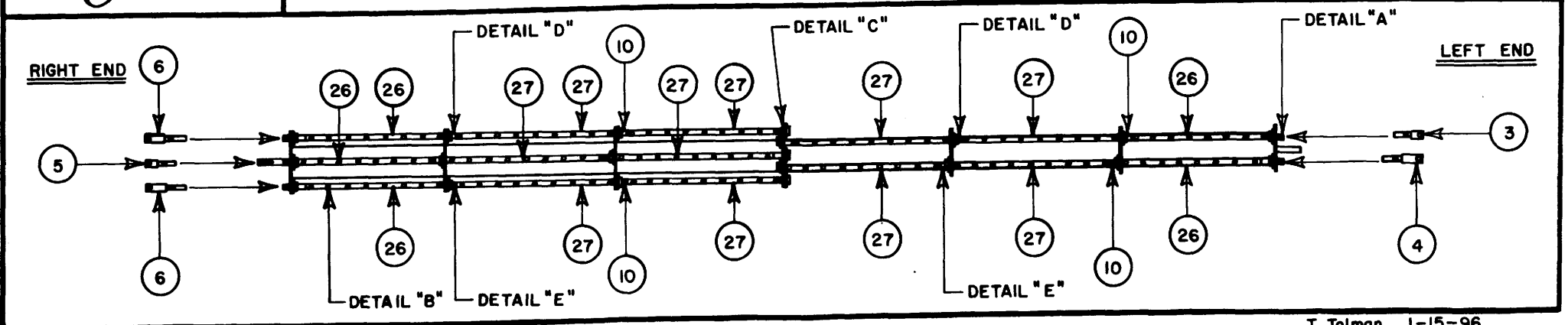
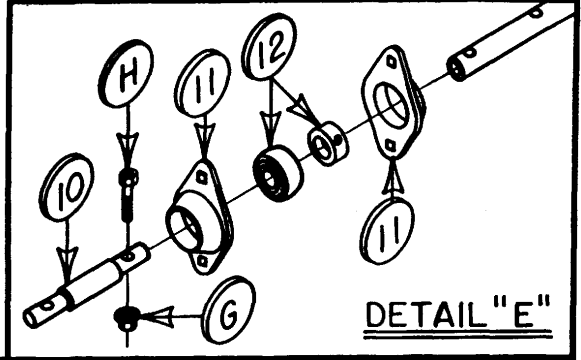
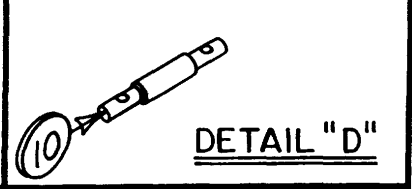
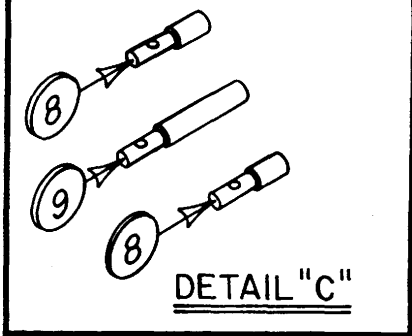
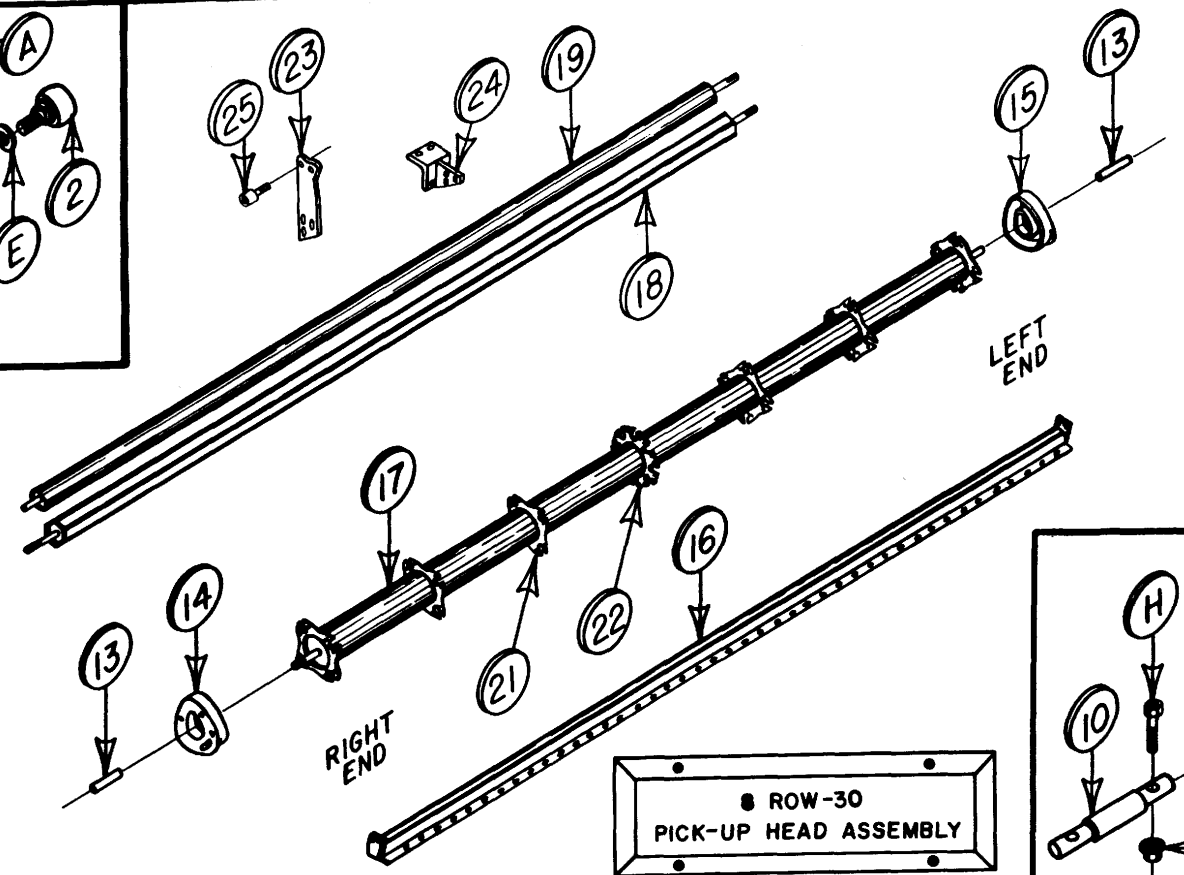
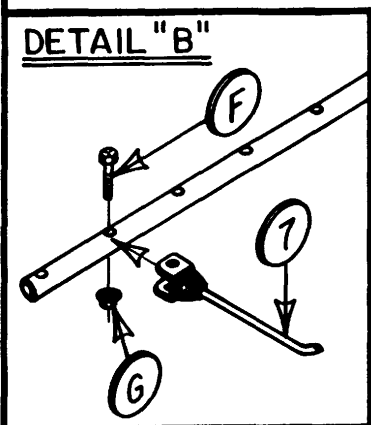
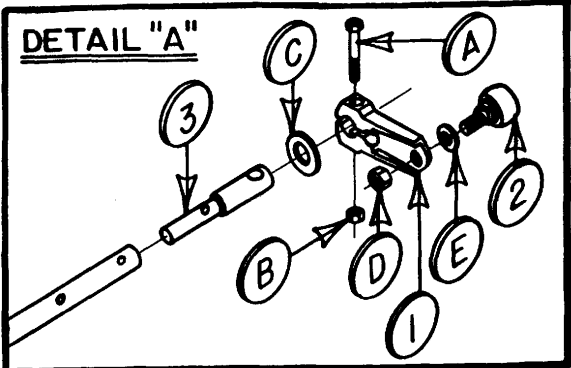
PICKUP HEAD ASSEMBLY—6 Row 38 (1996)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—220 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900820	Rotor Rod Mount
17.	900946	Pickup Tube with 7 Spiders
18.	901292	Hex Roller
19.	901291	4" Roller
Not Shown	900945	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate
24.	900765	Split Roller Mount
25.	102080	Roller Carrier Bearing
26.	900940	Finger Rod, 29 ³ / ₈ "—4 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—12 Required per P.U.H.
28.	900866	Finger Rod, 37 ³ / ₈ "—8 Required per P.U.H.

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



PICKUP HEAD ASSEMBLY—8 Row 30 (1996)

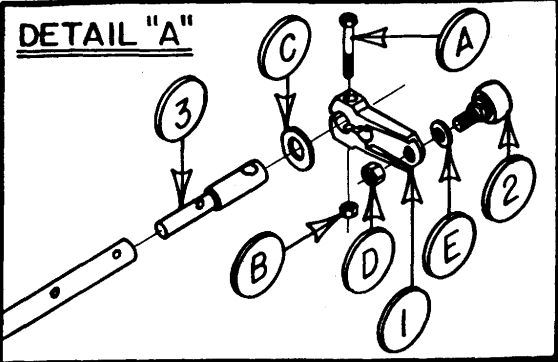
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—232 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900780	Rotor Rod Mount
17.	900969	Pickup Tube with 7 Spiders
18.	901294	Hex Roller
19.	901293	4" Roller
Not Shown	900970	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate
24.	900765	Roller Carrier Mount
25.	102080	Roller Carrier Bearing
26.	900897	Finger Rod, 33 ³ / ₈ "—8 Required per P.U.H.
27.	900866	Finger Rod, 37 ³ / ₈ "—16 Required per P.U.H.

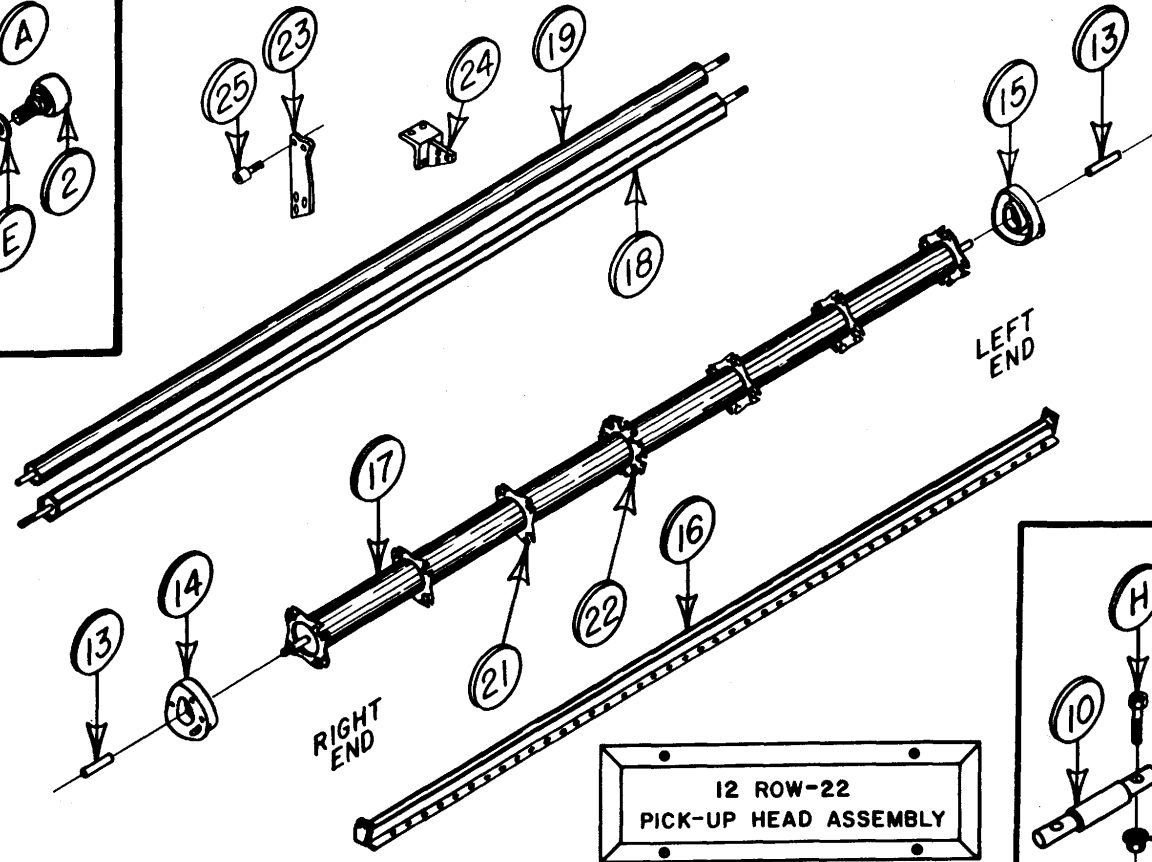
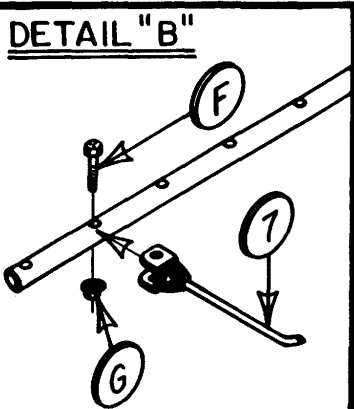
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shaft)

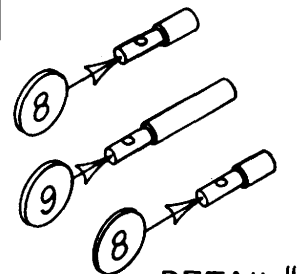
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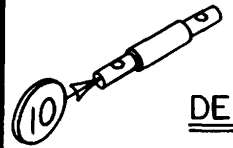
DETAIL "B"



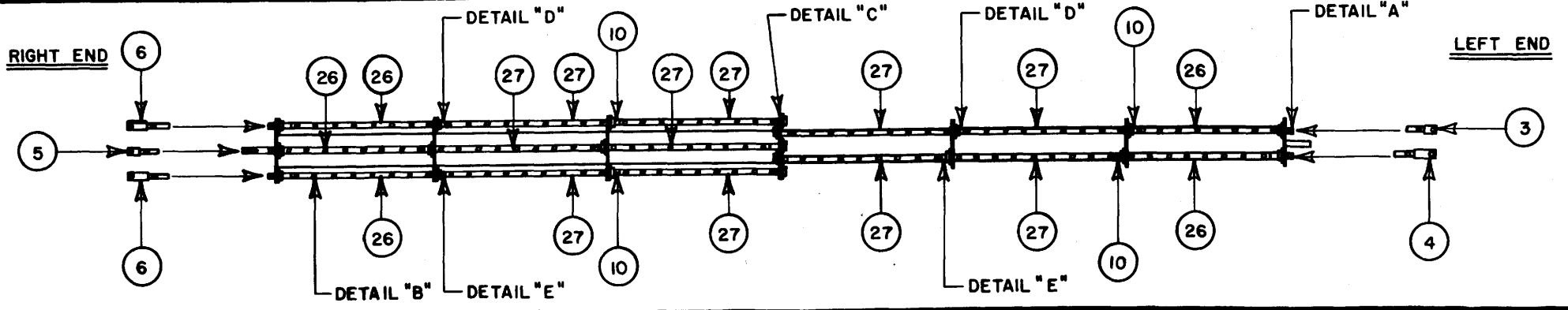
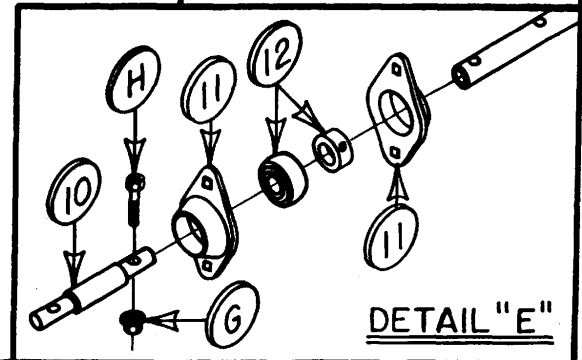
DETAIL "C"



DETAIL "D"



DETAIL "E"



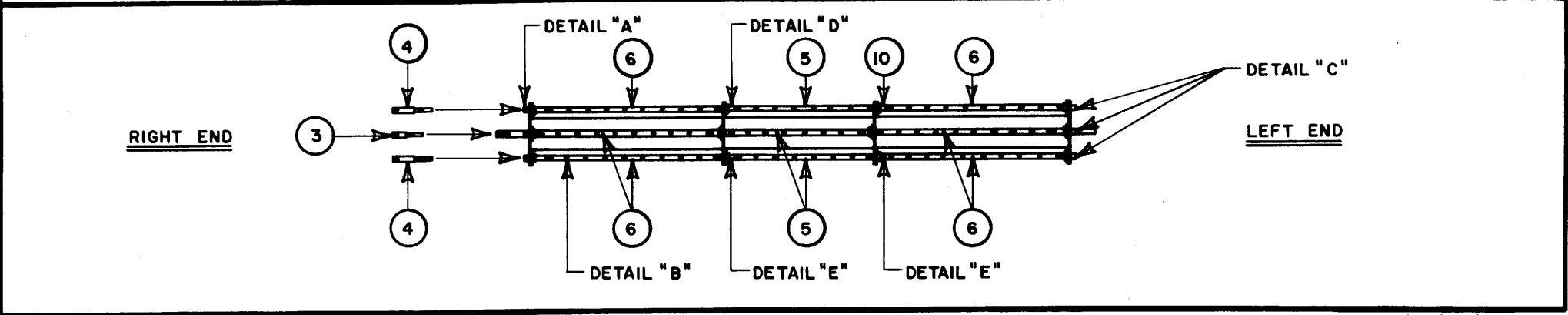
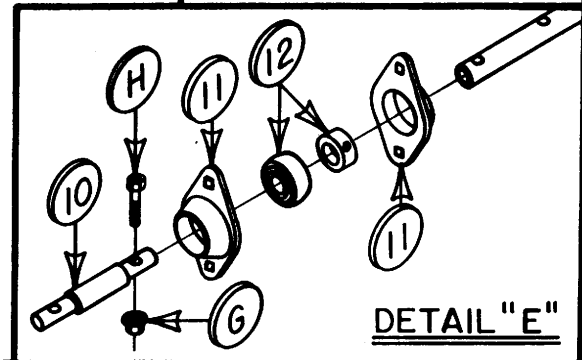
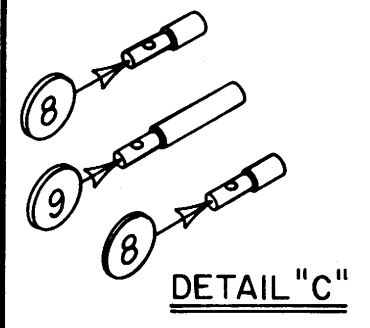
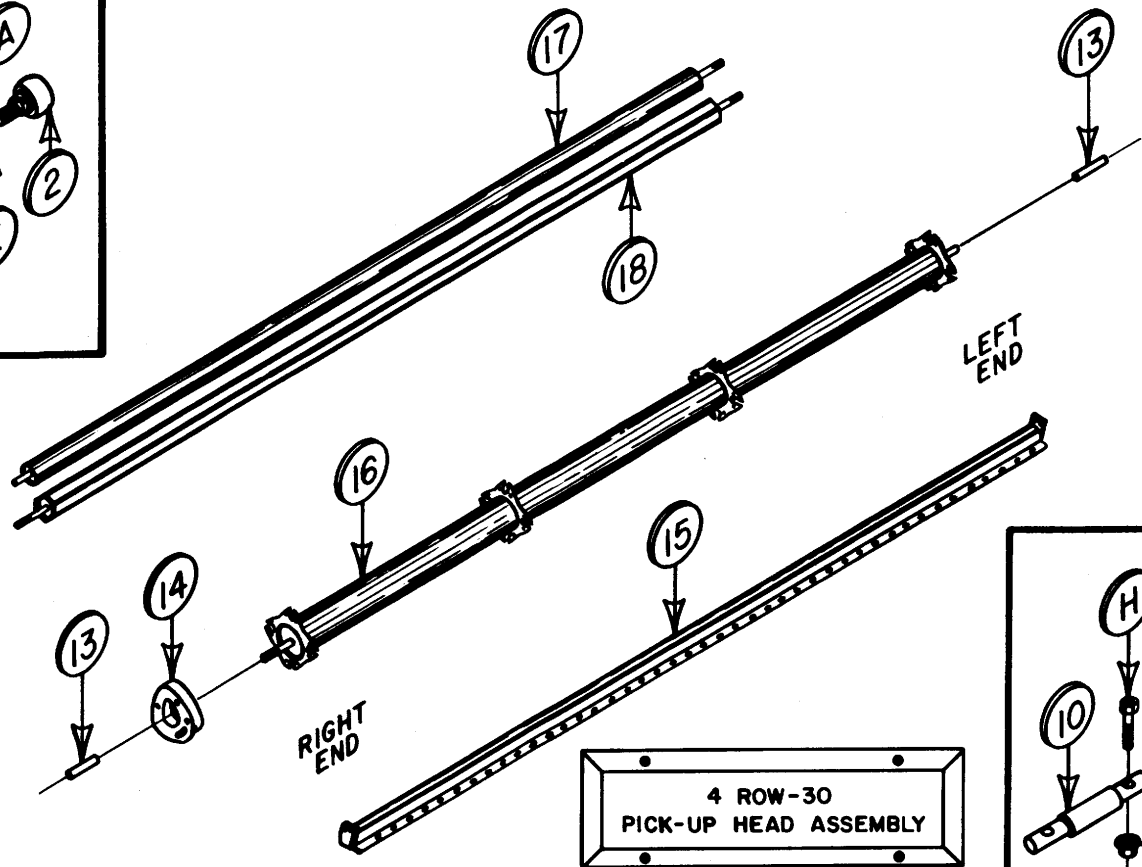
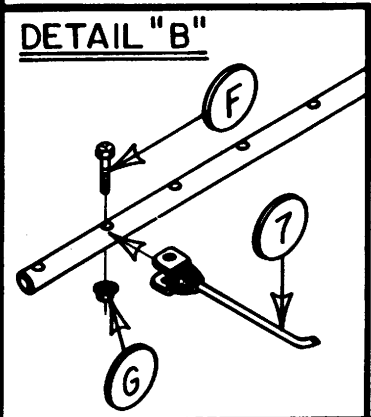
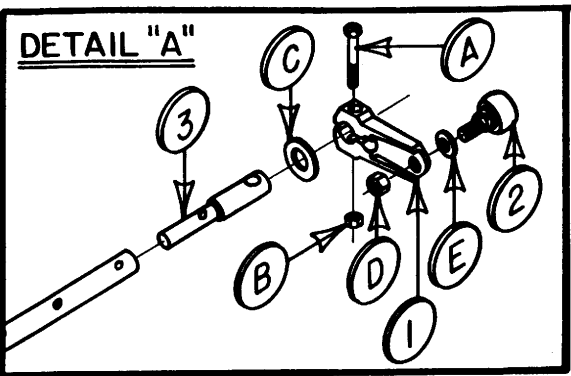
PICKUP HEAD ASSEMBLY—12 Row 22" (1996)

PARTS LIST

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103044	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119070	Shaft, L.H. Short Finger Rod Stub
4.	119068	Shaft, L.H. Long Finger Rod Stub
5.	119071	Shaft, R.H. Short Finger Rod Stub
6.	119069	Shaft, R.H. Long Finger Rod Stub
7.	106000	Finger, Rubberized—256 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103001	Cam, R.H. Track
15.	103000	Cam, L.H. Track
16.	900878	Rotor Rod Mount
17.	900974	Pickup Tube with 7 Spiders
18.	901296	Hex Roller
19.	901295	4" Roller
Not Shown	900975	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole End Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate
24.	900765	Roller Carrier Mount
25.	102080	Roller Carrier Bearing
26.	900866	Finger Rod, 37 ³ / ₈ "—8 Required per P.U.H.
27.	900867	Finger Rod, 41 ³ / ₈ "—16 Required per P.U.H.

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



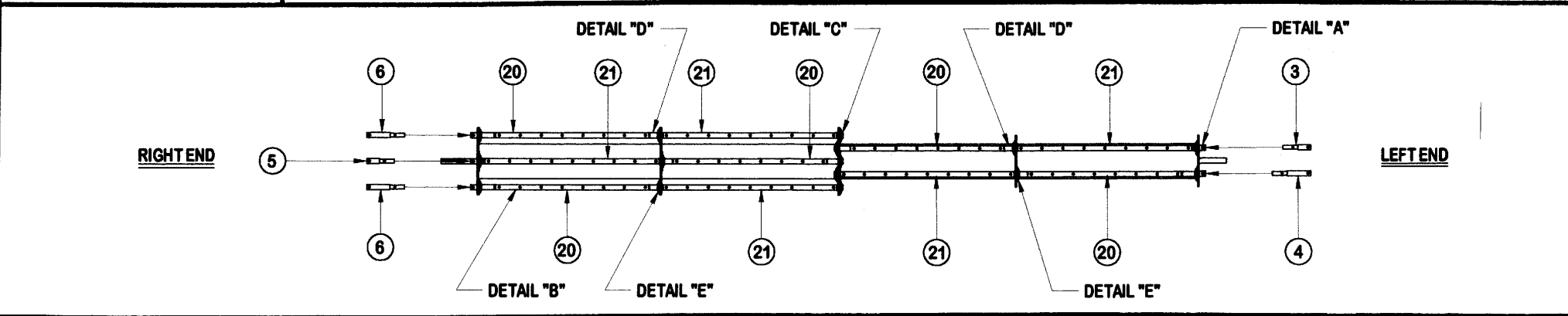
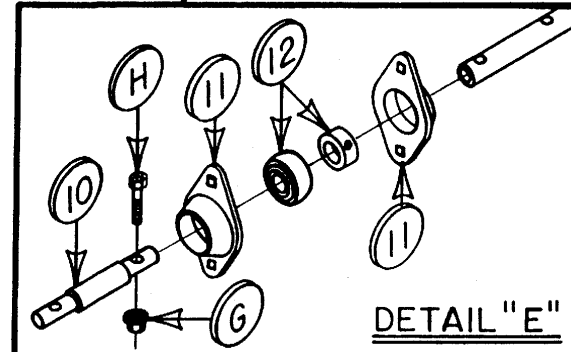
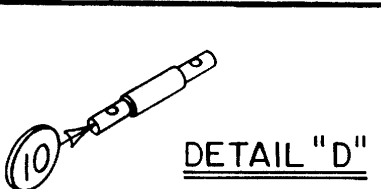
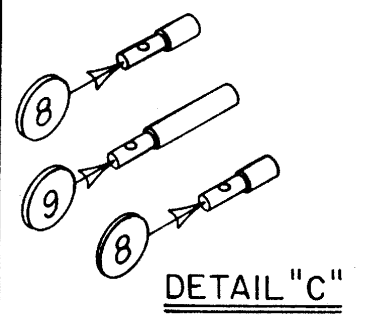
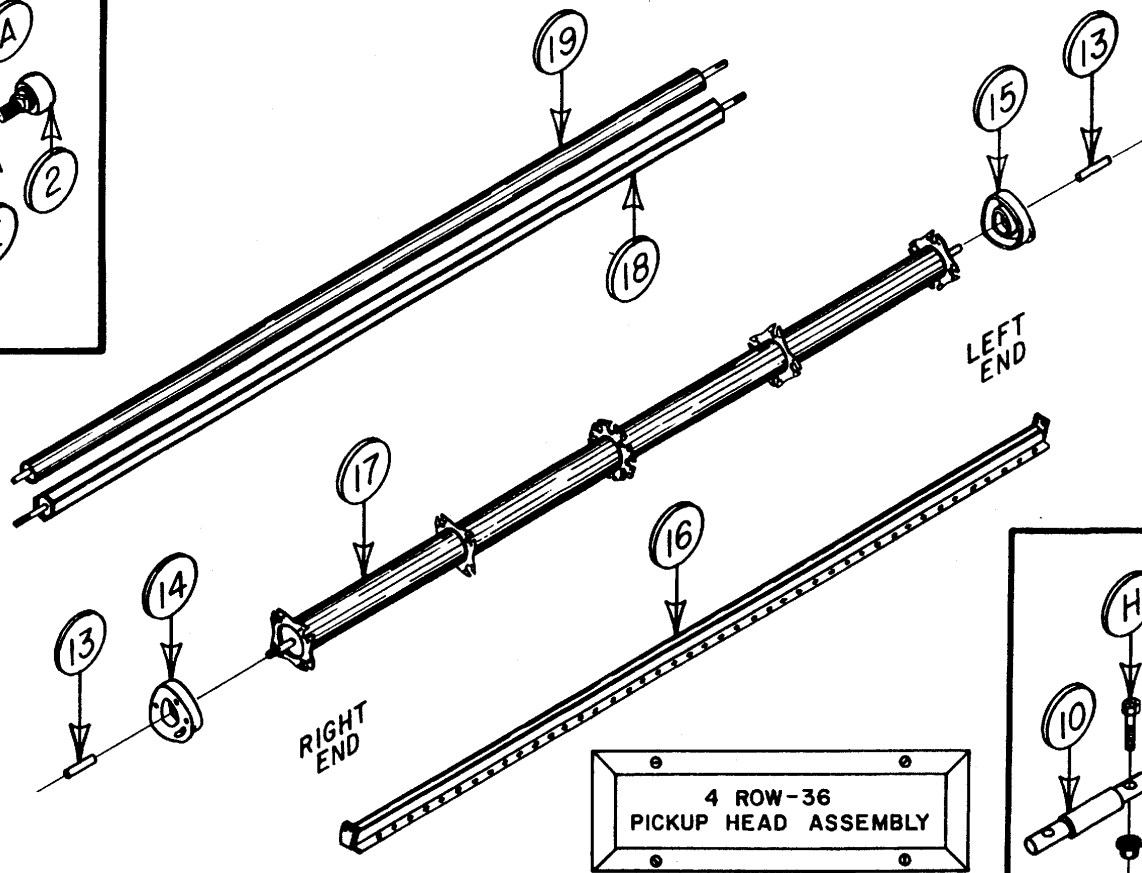
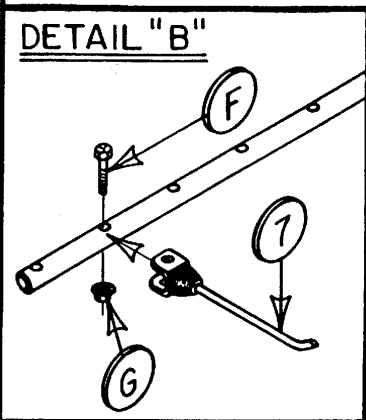
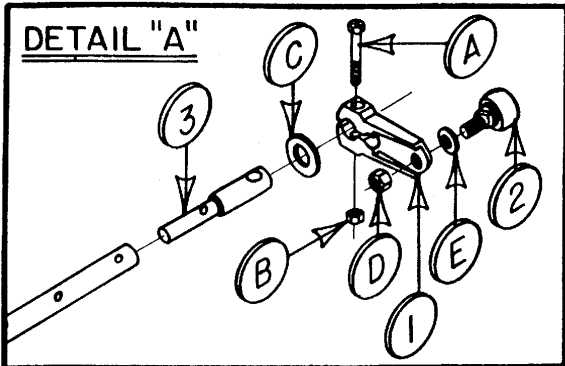
4 TUBE PICKUP HEAD ASSEMBLY—4 Row 30 (1997–Present)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119136	Shaft, R.H. Short Finger Offset
4.	119134	Shaft, R.H. Long Finger Offset
5.	900940	Finger Rod 29 ³ / ₈ "—4 Required per P.U.H.
6.	900866	Finger Rod 37 ³ / ₈ "—8 Required per P.U.H.
7.	106000	Finger, Rubberized—112 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	900068	Rotor Rod Mount
16.	900977	Pickup Tube—with Four Spiders
17.	900060	4" Roller
18.	900064	Hex Roller
Not Shown	900978-97	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)



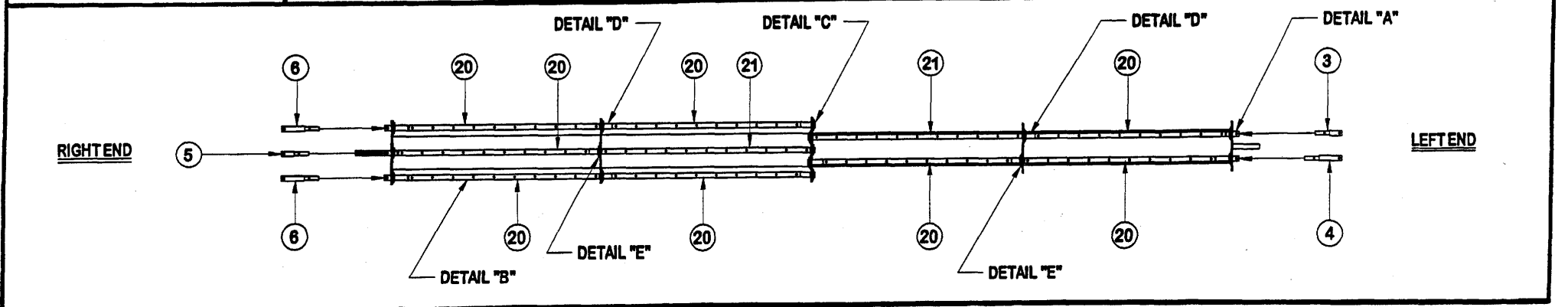
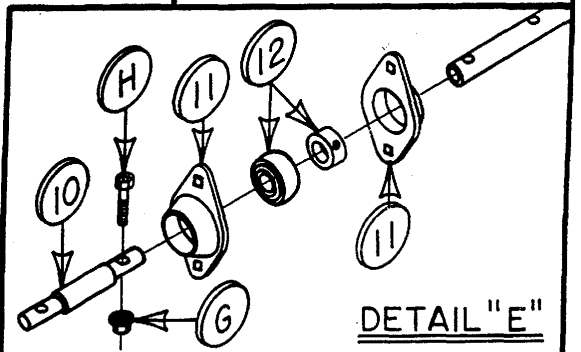
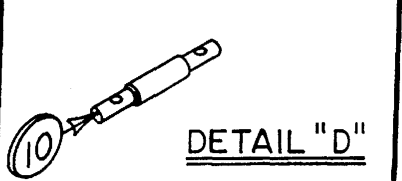
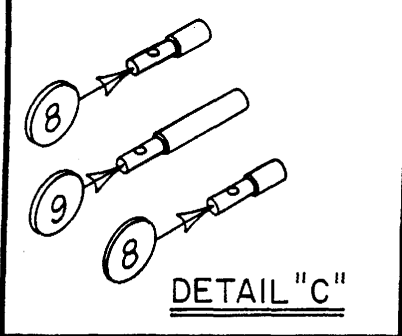
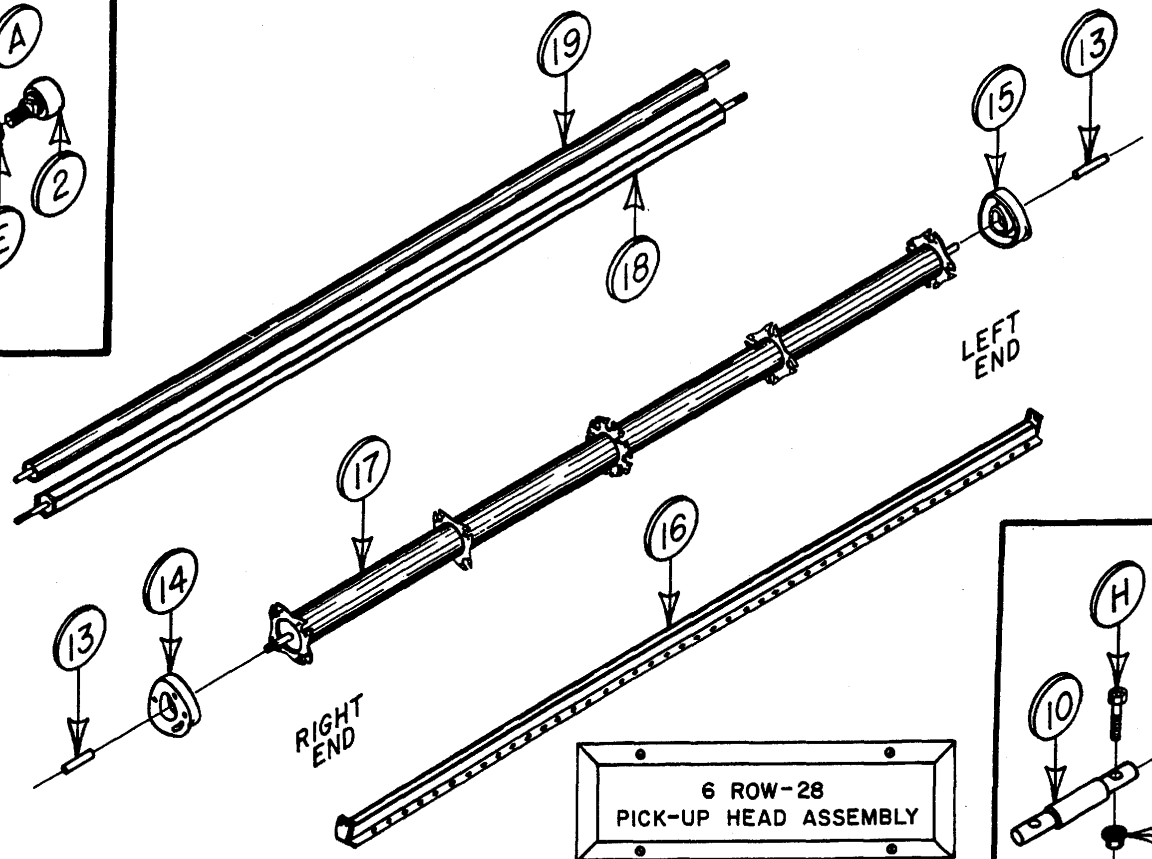
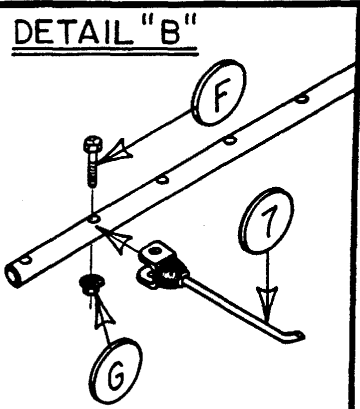
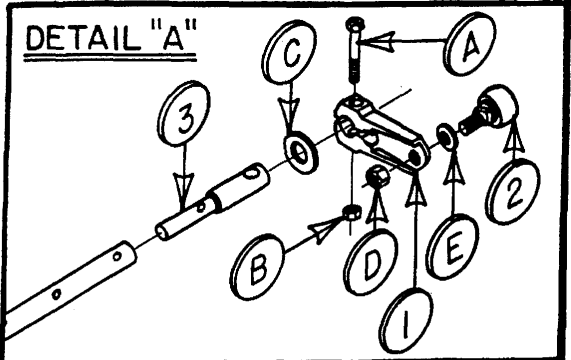
4 TUBE PICKUP HEAD ASSEMBLY—4 Row 36 (1997–Present)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	901130	Rotor Rod Mount
17.	901124	Pickup Tube with 5 spiders
18.	901127	Hex Roller
19.	901122	4" Roller
20.	900940	Finger Rod 29 ³ / ₈ "—8 required per P.U.H.
21.	900897	Finger Rod 33 ³ / ₈ "—8 required per P.U.H.
Not Shown	901125-97	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" x 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" x 1 1/2" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" x 1 1/2" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)



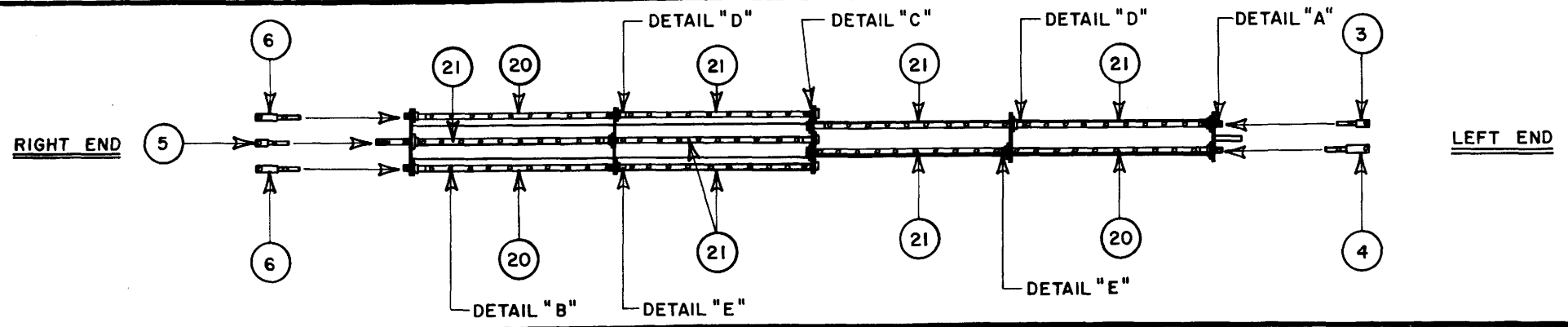
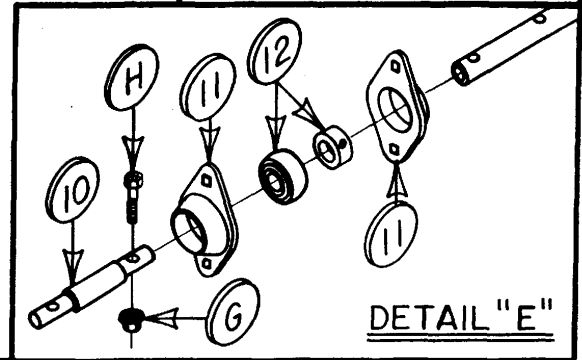
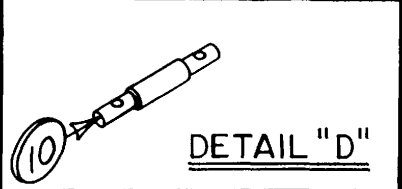
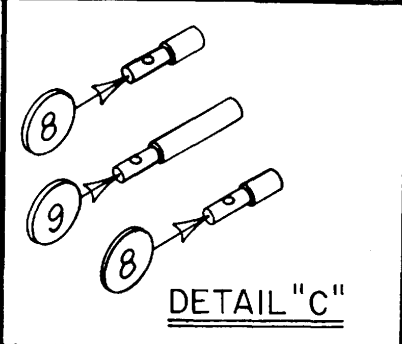
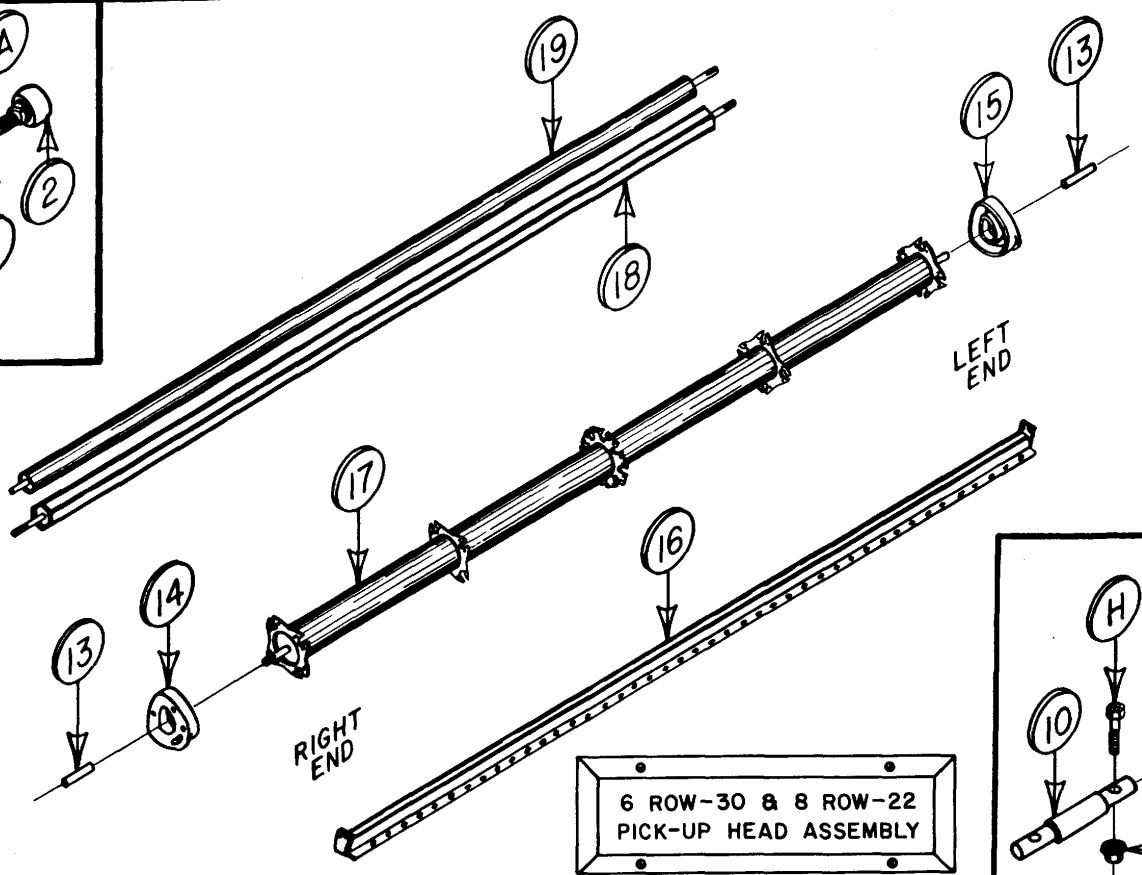
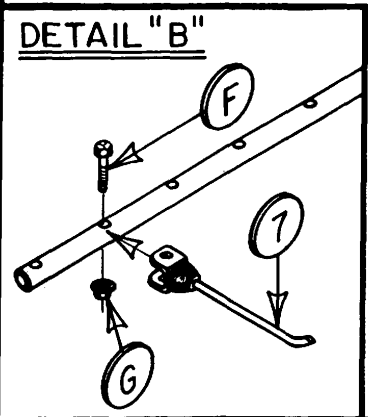
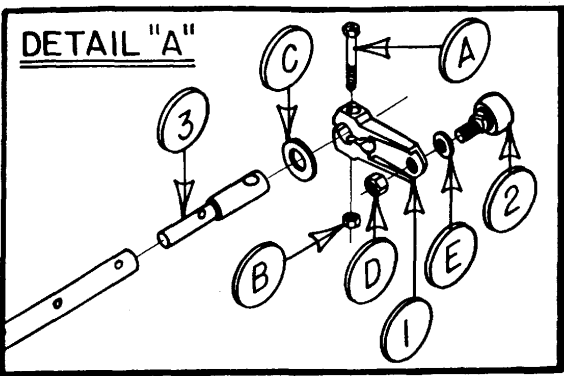
4 TUBE PICKUP HEAD ASSEMBLY—6 Row 28 (1997–Present)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—160 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900958	Rotor Rod Mount
17.	900952	Pickup Tube with 5 Spiders
18.	900955	Hex Roller
19.	900949	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ "—12 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—4 Required per P.U.H.
Not Shown	900953-97	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)



4 TUBE PICKUP HEAD ASSEMBLY—6 Row 30 & 8 Row 22

(1997-Present)

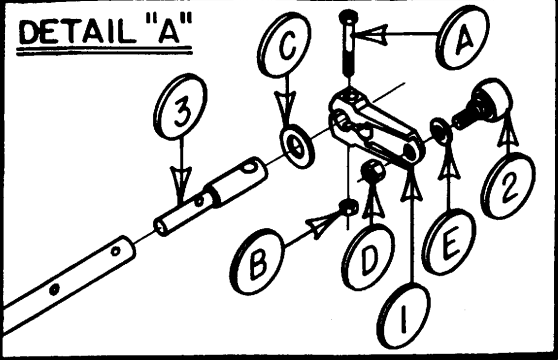
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—172 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900203	Rotor Rod Mount
17.	900868	Pickup Tube with 5 Spiders
18.	900401	Hex Roller
19.	900402	4" Roller
20.	900866	Finger Rod, 37 ³ / ₈ "—4 Required per P.U.H.
21.	900867	Finger Rod, 41 ³ / ₈ "—12 Required per P.U.H.
Not Shown	900869-97	Complete Pickup Head Assembly
Not Shown	900860	2-Hole End Spider (sold in pairs)
Not Shown	900861	4-Hole Center Spider (sold in pairs)

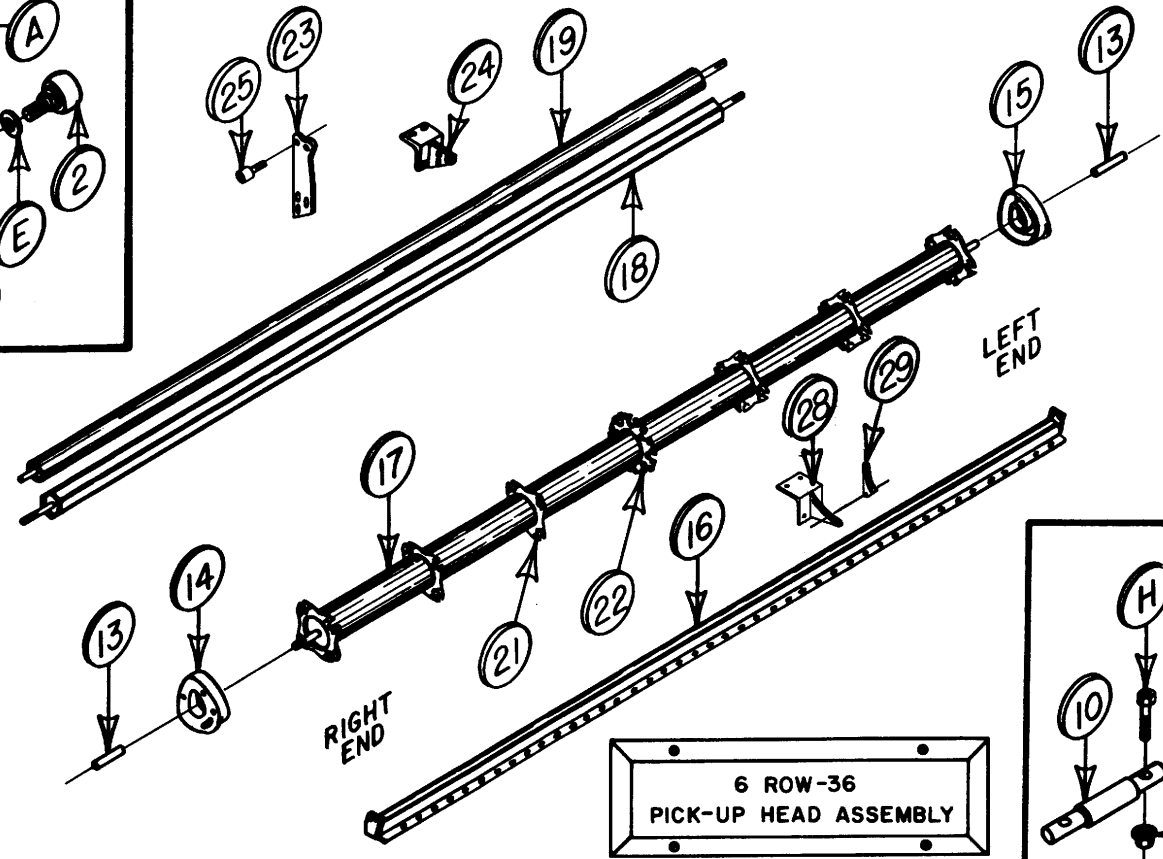
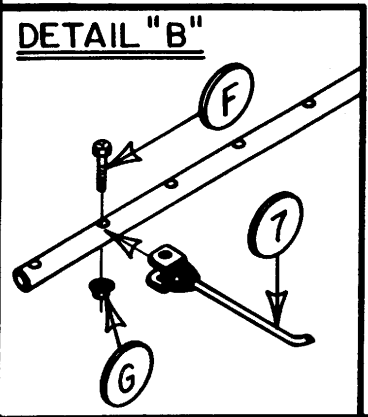
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on Fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)

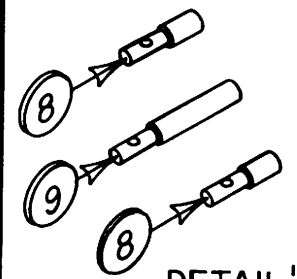
DETAIL "A"



DETAIL "B"



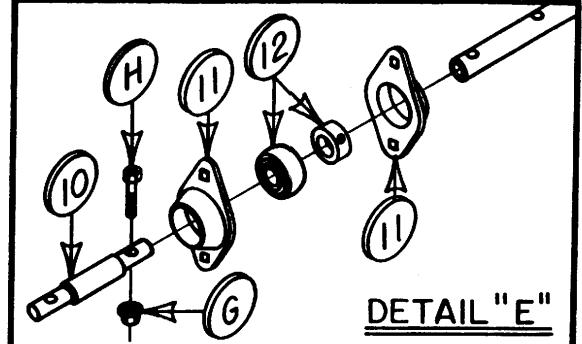
DETAIL "C"



DETAIL "D"

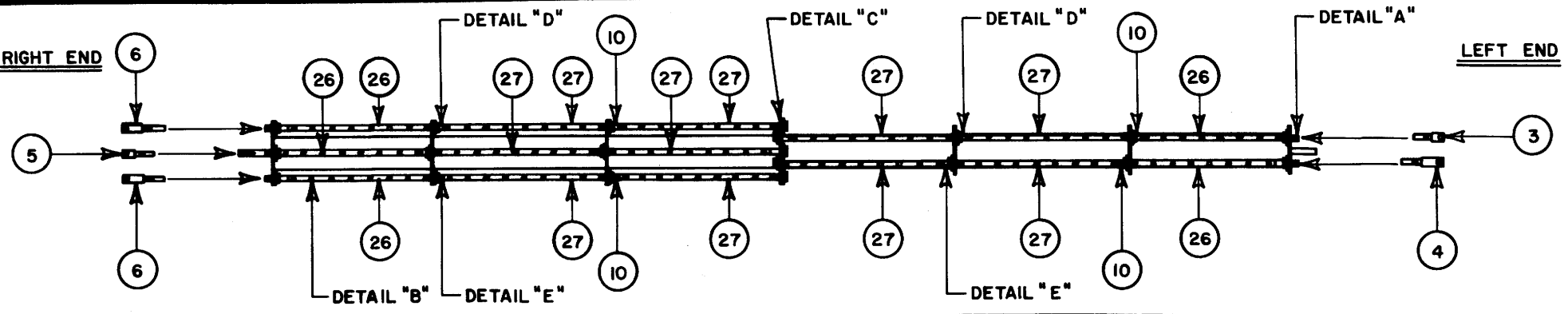


DETAIL "E"



RIGHT END

LEFT END



4 TUBE PICKUP HEAD ASSEMBLY—6 Row 36 (1997–Present)

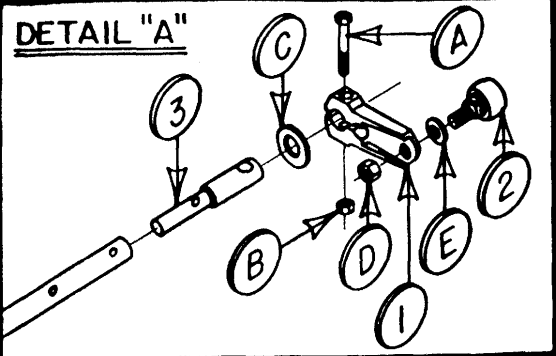
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—208 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900799	Rotor Rod Mount
17.	900964	Pickup Tube with 7 Spiders
18.	901290	Hex Roller
19.	901289	4" Roller
Not Shown	900965-97	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate (Optional)
24.	900765	Split Roller Mount (Optional)
25.	102080	Roller Carrier Bearing (Optional)
26.	900940	Finger Rod, 29 ³ / ₈ "—8 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—16 Required per P.U.H.
28.	901025	Rotor Rod Support Guide
29.	900762	Rotor Rod Support Connection
Not Shown	900769	Rotor Rod Support (weld-on bracket)

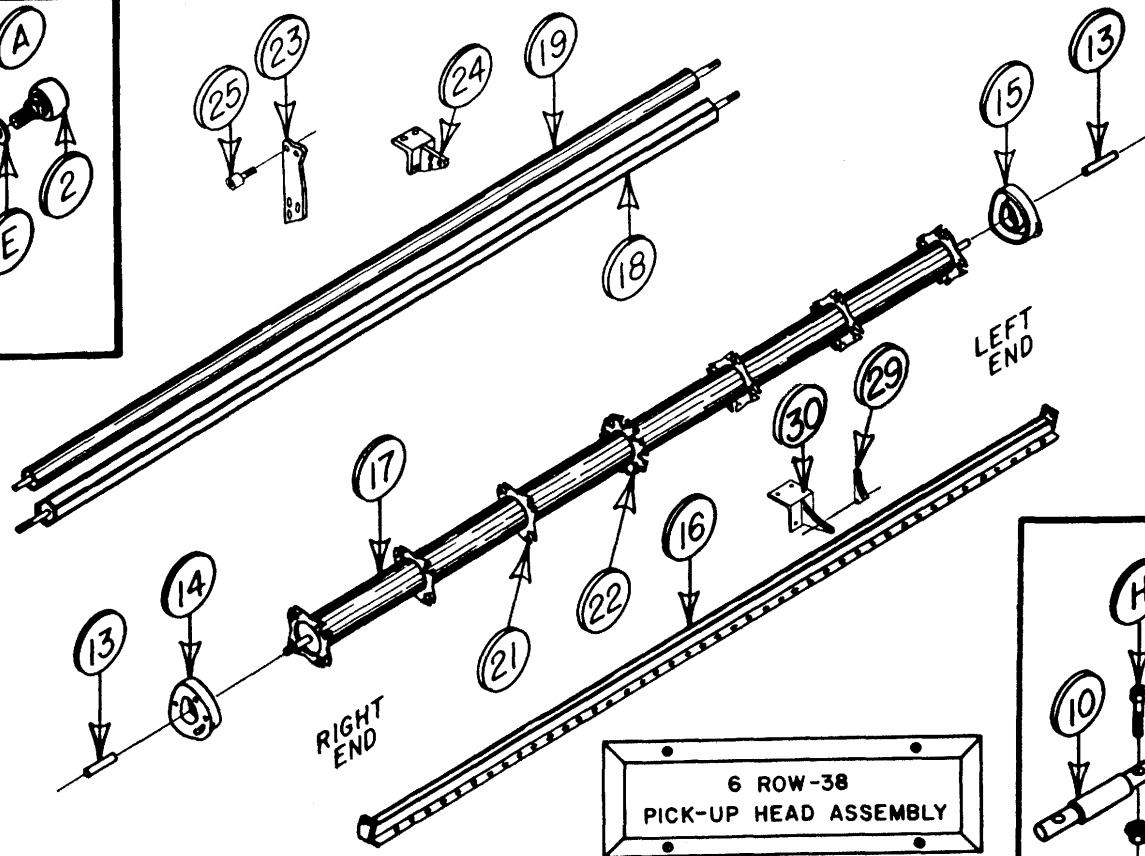
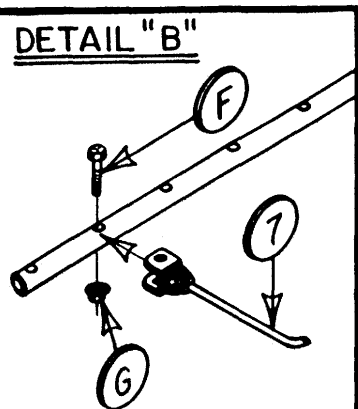
Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1 1/2" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1 1/2" NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)

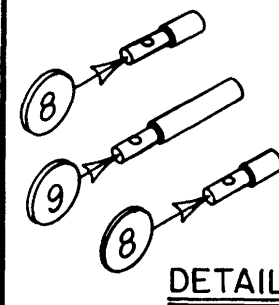
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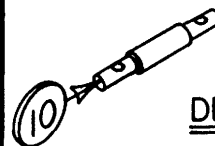
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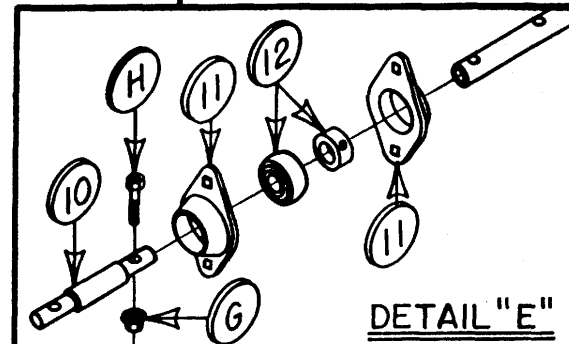
DETAIL "C"



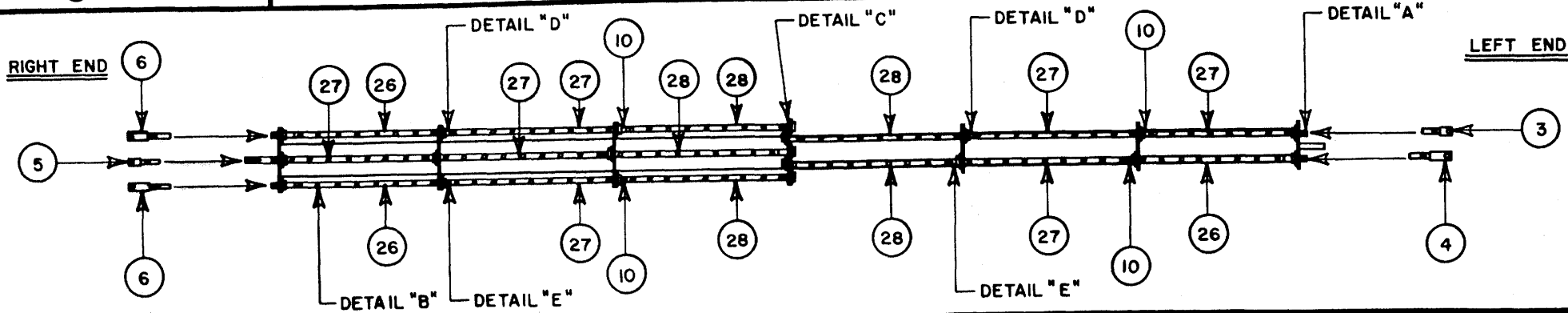
DETAIL "D"



DETAIL "E"



RIGHT END



LEFT END

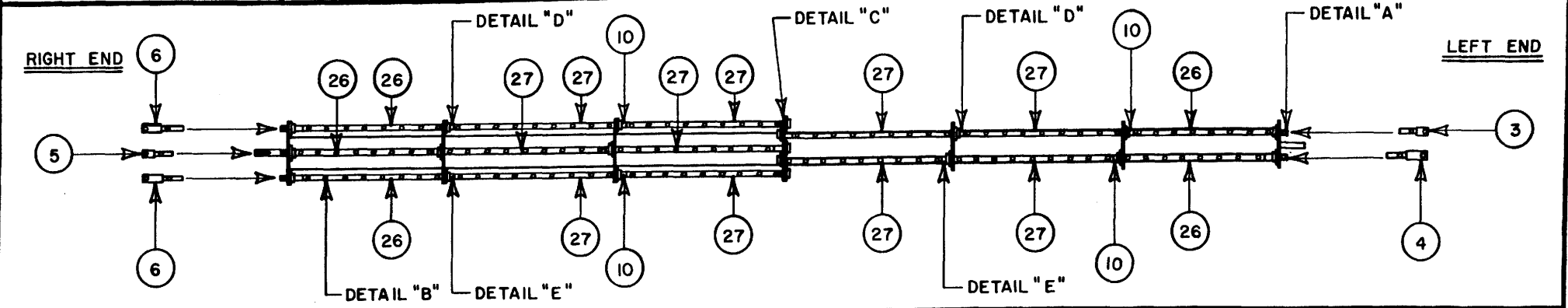
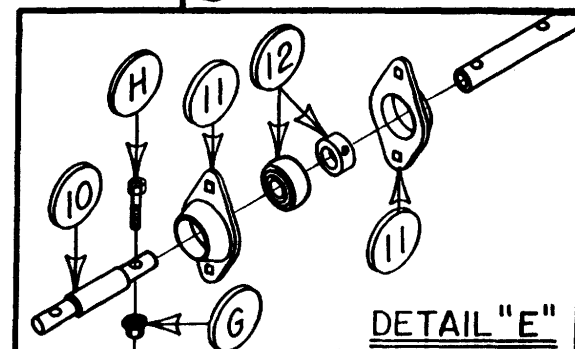
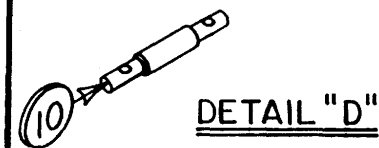
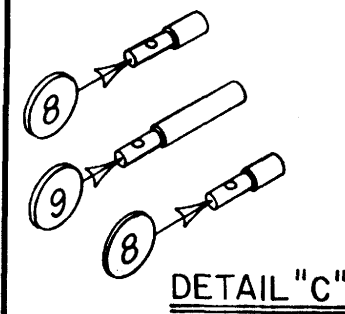
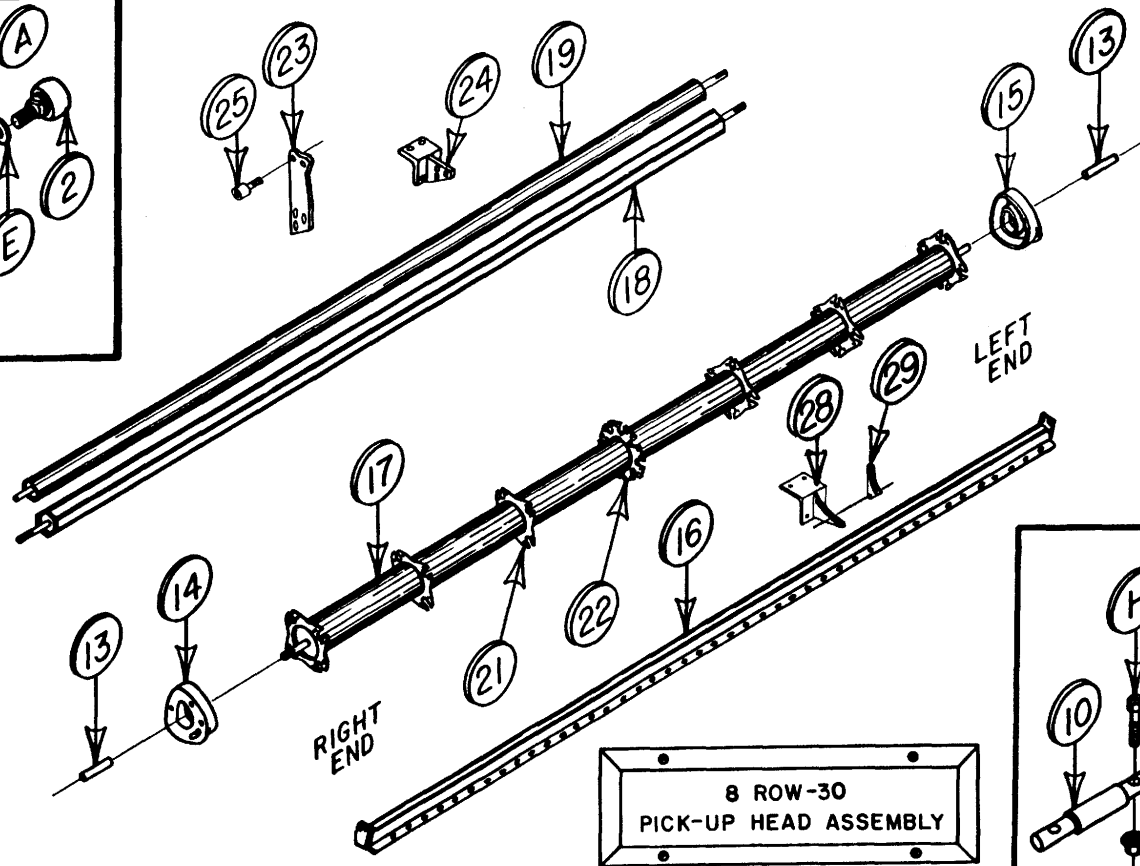
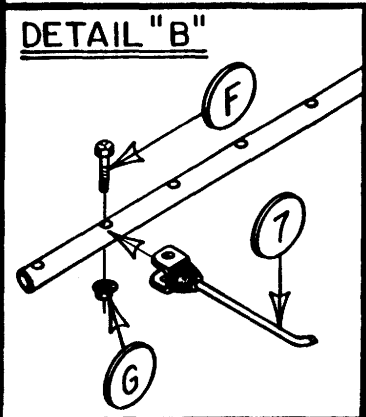
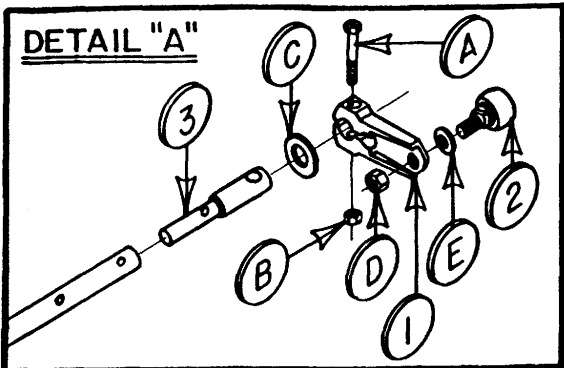
4 TUBE PICKUP HEAD ASSEMBLY—6 Row 38 (1997–Present)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—220 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900820	Rotor Rod Mount
17.	900946	Pickup Tube with 7 Spiders
18.	901292	Hex Roller
19.	901291	4" Roller
Not Shown	900945-97	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate (Optional)
24.	900765	Split Roller Mount (Optional)
25.	102080	Roller Carrier Bearing (Optional)
26.	900940	Finger Rod, 29 ³ / ₈ "—4 Required per P.U.H.
27.	900897	Finger Rod, 33 ³ / ₈ "—12 Required per P.U.H.
28.	900866	Finger Rod, 37 ³ / ₈ "—8 Required per P.U.H.
29.	900762	Rotor Rod Support Connection
30.	901025	Rotor Rod Support Guide
Not Shown	900769	Rotor Rod Support (weld-on bracket)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (For use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (For use on all couplers and stub shafts)



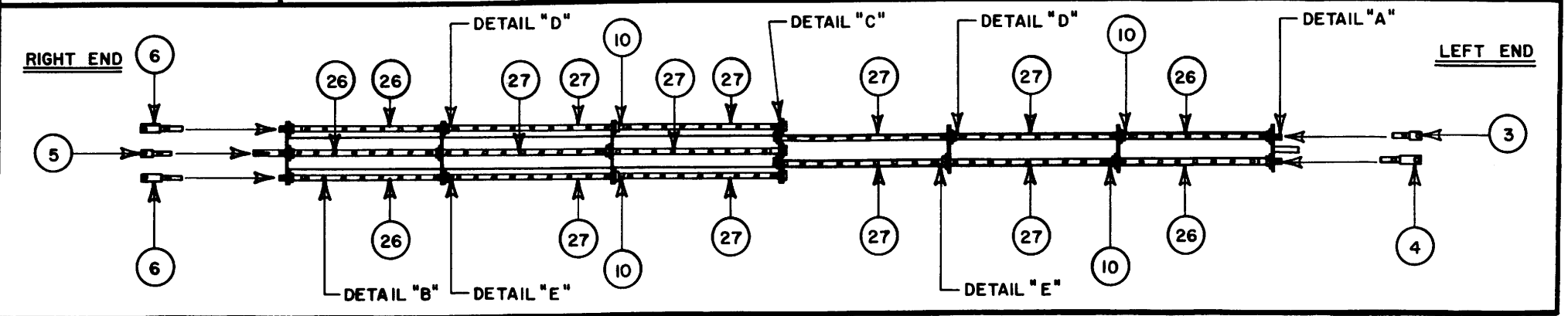
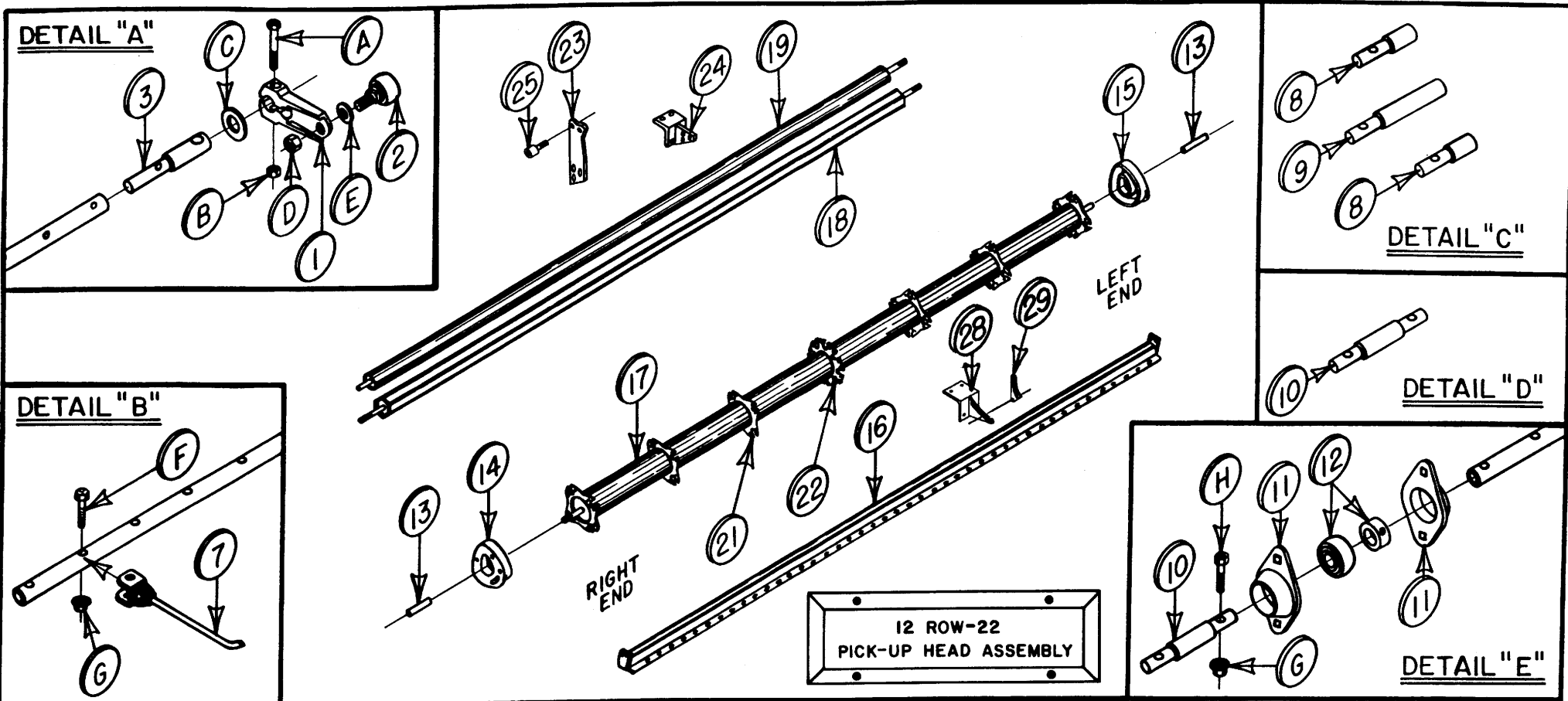
4 TUBE PICKUP HEAD ASSEMBLY—8 Row 30 (1997–Present)

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—232 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1" Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900780	Rotor Rod Mount
17.	900969	Pickup Tube with 7 Spiders
18.	901294	Hex Roller
19.	901293	4" Roller
Not Shown	900970-97	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole Center Spider (sold in pairs)
23.	901277	4" Roller Bearing Mount Plate (Optional)
24.	900765	Roller Carrier Mount (Optional)
25.	102080	Roller Carrier Bearing (Optional)
26.	900897	Finger Rod, 33 ³ / ₈ "—8 Required per P.U.H.
27.	900866	Finger Rod, 37 ³ / ₈ "—16 Required per P.U.H.
28.	901025	Rotor Rod Support Guide
29.	900762	Rotor Rod Support Connection
Not Shown	900769	Rotor Rod Support (weld-on bracket)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16" × 3" NC Hex Bolt—Grade 8
B.		7/16" NC Nyloc Hex Nut
C.		1" SAE Flat Washer
D.		5/8" NF Jam Nut
E.		5/8" Shim Washer (optional)
F.		5/16" × 1½" NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16" NC Whiz Nut
H.		5/16" × 1½" NC Hex Bolt—Grade 8 (for use on all couplers and stub shaft)



4 TUBE PICKUP HEAD ASSEMBLY—12 Row 22” (1997–Present)

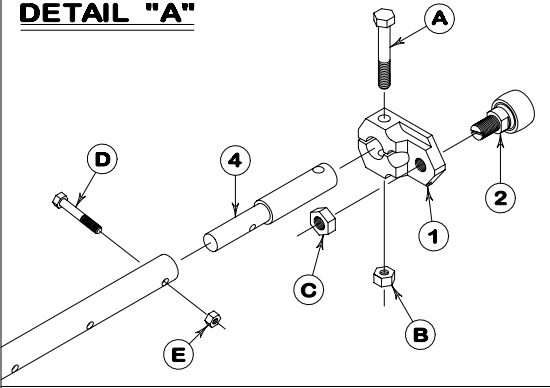
Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
1.	103095	Cam Arm (Universal)
2.	102015	Bearing, Cam Arm
3.	119137	Shaft, L.H. Short Finger Offset
4.	119135	Shaft, L.H. Long Finger Offset
5.	119136	Shaft, R.H. Short Finger Offset
6.	119134	Shaft, R.H. Long Finger Offset
7.	106000	Finger, Rubberized—256 Per machine
8.	900859	Center Spider Stub Shaft—Short
9.	900858	Center Spider Stub Shaft—Long
10.	900857	Coupler, Finger Rod
11.	106013	Flangett, 2-Hole
12.	102005	Bearing, 1” Insert with Lock Collar
13.	900709	Spacer, Pickup Head
14.	103096	Cam, Track (Universal)
15.	103096	Cam, Track (Universal)
16.	900878	Rotor Rod Mount
17.	900974	Pickup Tube with 7 Spiders
18.	901296	Hex Roller
19.	901295	4” Roller
Not Shown	900975-97	Complete Pickup Head Assembly
21.	900860	2-Hole End Spider (sold in pairs)
22.	900861	4-Hole End Spider (sold in pairs)
23.	901277	4” Roller Bearing Mount Plate (Optional)
24.	900765	Roller Carrier Mount (Optional)
25.	102080	Roller Carrier Bearing (Optional)
26.	900866	Finger Rod, 37 ³ / ₈ ”—8 Required per P.U.H.
27.	900867	Finger Rod, 41 ³ / ₈ ”—16 Required per P.U.H.
28.	901025	Rotor Rod Support Guide
29.	900762	Rotor Rod Support Connection
Not Shown	900769	Rotor Rod Support (weld-on bracket)

Hardware List

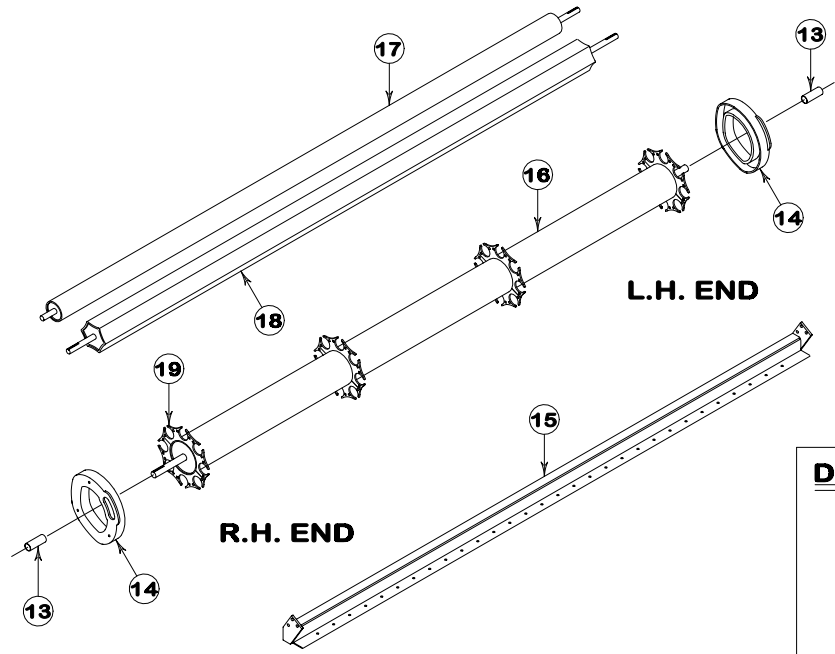
<u>Item No.</u>	<u>Part No.</u>	<u>Description</u>
A.		7/16” × 3” NC Hex Bolt—Grade 8
B.		7/16” NC Nyloc Hex Nut
C.		1” SAE Flat Washer
D.		5/8” NF Jam Nut
E.		5/8” Shim Washer (optional)
F.		5/16” × 1½” NC Hex Bolt—Grade 5 (for use on fingers only)
G.		5/16” NC Whiz Nut
H.		5/16” × 1½” NC Hex Bolt—Grade 8 (for use on all couplers and stub shafts)

DETAIL "A"

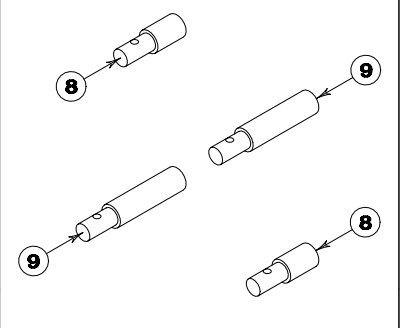


FINGER RODS REQUIRED PER (114-3/16") 8 TUBE P-J HEAD

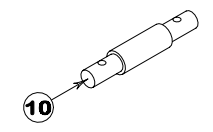
(16 REQ'D) 37-3/8" (10 HOLES) 900866
 (8 REQ'D) 29-3/8" (8 HOLES) 900940



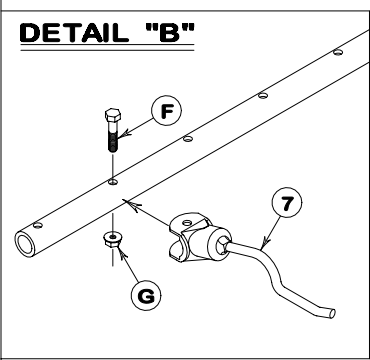
DETAIL "C"



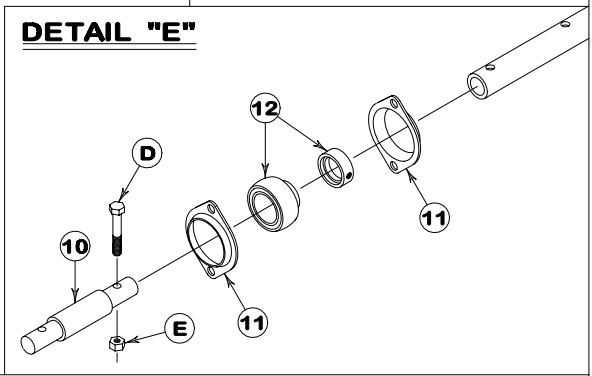
DETAIL "D"



DETAIL "B"



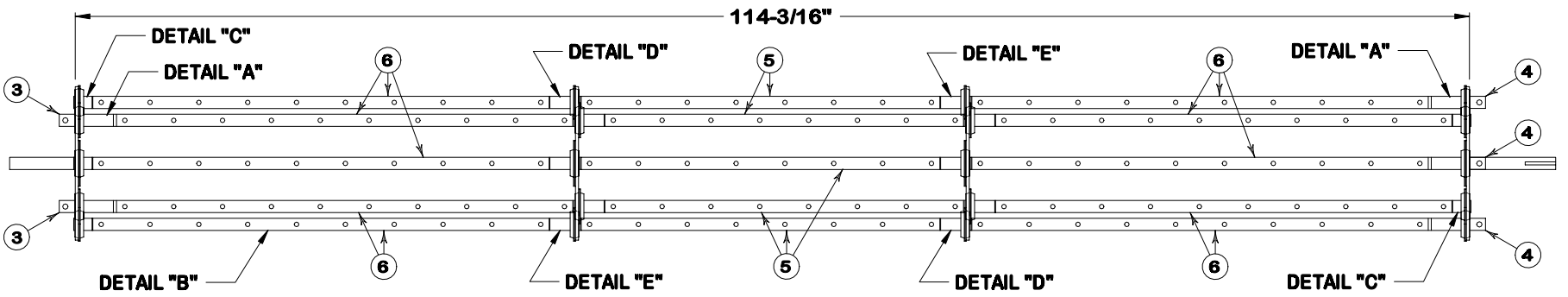
DETAIL "E"



**4ROW-30
8 TUBE PICK-UP HEAD ASSEMBLY**

L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (4 ROW 30) 1997–Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900940	8	Finger Rod 29 ³ / ₈ " (8 holes)
6.	900866	16	Finger Rod 37 ³ / ₈ " (10 holes)
7.	106036	224	Finger, with radius (8 Tube Pick Up Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	16	Coupler, Finger Rod
11.	106013	32Pr.	Flangette, 2 Hole
12.	102005	32	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " Lg.)
14.	103096	2	Cam Track (Universal)
15.	900068	1	Rotor Rod Mount (120 ³ / ₄ "
16.	901442	1	Pickup Tube (with 4 Spiders) (114 ³ / ₁₆ "
17.	900060	1	4" Roller (118 ⁷ / ₈ "
18.	900064	1	Hex Roller (116 ³ / ₈ "
19.	900861	4	8-Hole Spider
Not Shown	901443	1	Complete 8 Tube Pickup Head Assembly (114 ³ / ₁₆ "

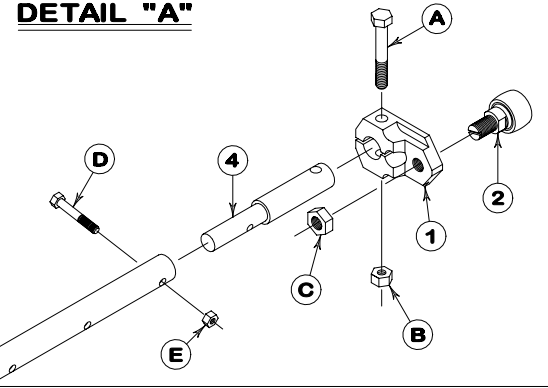
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	48	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut
E.	106051	48	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt
F.		176	5/16" × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		176	5/16" NC Whiz Nut (use on fingers only)

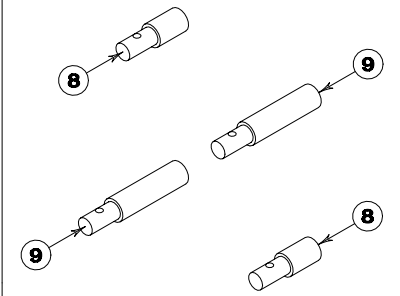
DETAIL "A"



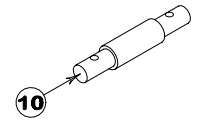
FINGER RODS REQUIRED PER (138-3/16") 8 TUBE P-U HEAD

- (16 REQ'D) 33-3/8" (9 HOLES) 900897
- (16 REQ'D) 29-3/8" (8 HOLES) 900940

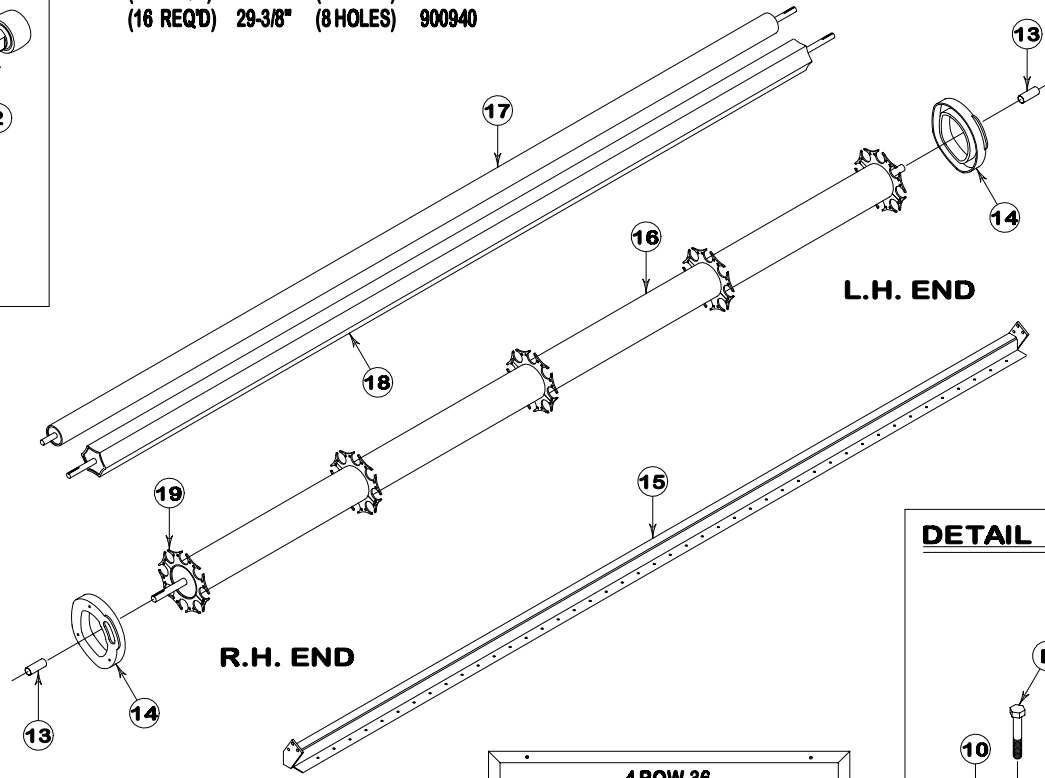
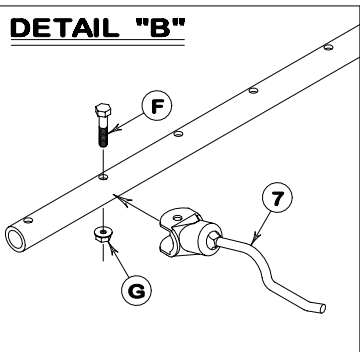
DETAIL "C"



DETAIL "D"

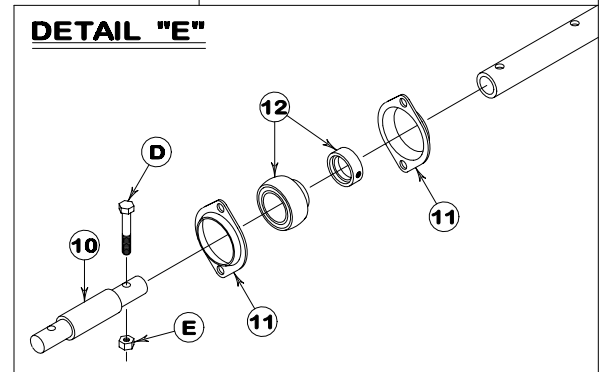


DETAIL "B"



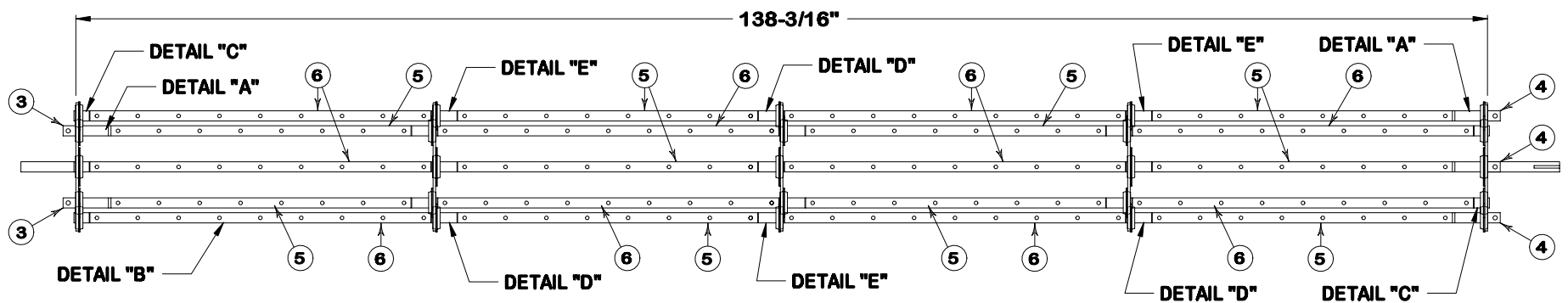
**4 ROW-36
8 TUBE PICK-UP HEAD ASSEMBLY**

DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8-TUBE PICKUP HEAD ASSEMBLY (4 ROW 36) 1997–Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900940	16	Finger Rod 29 ³ / ₈ " (8 holes)
6.	900897	16	Finger Rod 33 ³ / ₈ " (9 holes)
7.	106036	272	Finger, with radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40Pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " lg.)
14.	103096	2	Cam Track (Universal)
15.	901130	1	Rotor Rod Mount (144 ³ / ₄ "
16.	901437	1	Pickup Tube (with 5 Spiders) (138 ³ / ₁₆ "
17.	901122	1	4" Roller (142 ⁷ / ₈ "
18.	901127	1	Hex Roller (140 ³ / ₈ "
19.	900861	4	8-Hole Spider
Not Shown	901438	1	Complete 8-Tube Pickup Head Assembly (138 ³ / ₁₆ "

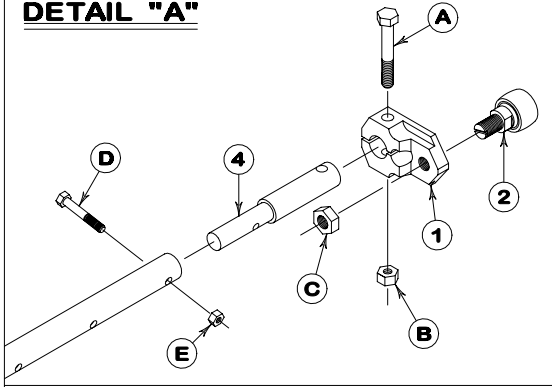
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		208	5/16" × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		208	5/16" NC Whiz Nut (use on fingers only)

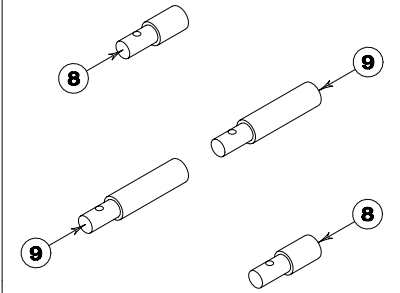
DETAIL "A"



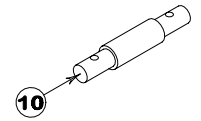
FINGER RODS REQUIRED PER (166-3/16") 8 TUBE P-U HEAD

(24 REQ'D) 37-3/8" (10 HOLES) 900866
 (8 REQ'D) 41-3/8" (11 HOLES) 900867

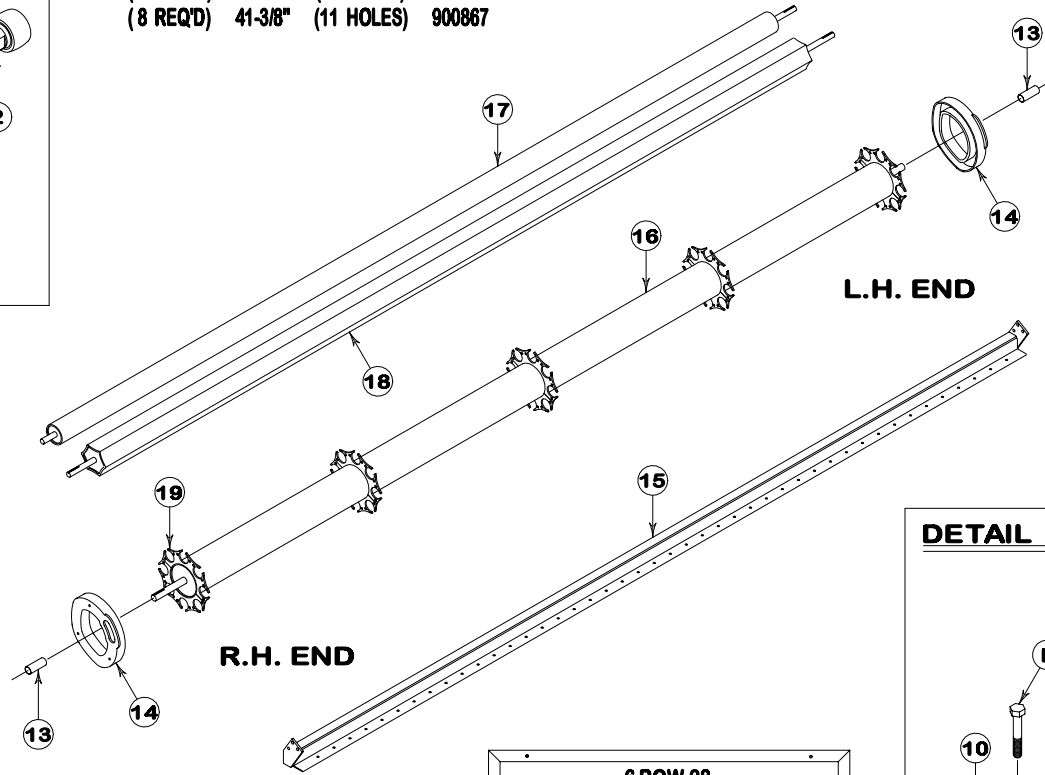
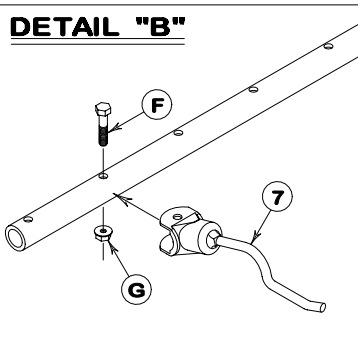
DETAIL "C"



DETAIL "D"

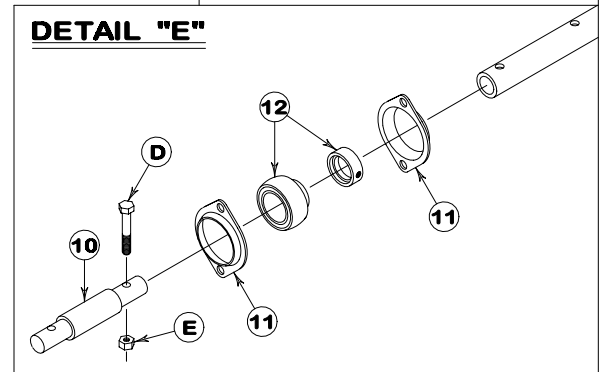


DETAIL "B"



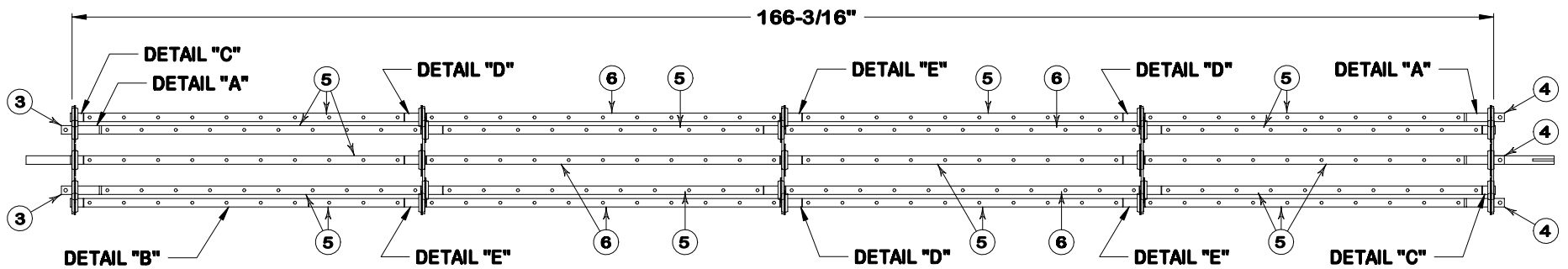
6 ROW-28
 8 TUBE PICK-UP HEAD ASSEMBLY

DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW-28) 1997–2013

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900866	24	Finger Rod 37 ³ / ₈ " (10 Holes)
6.	900867	8	Finger Rod 41 ³ / ₈ " (11 holes)
7.	106036	328	Finger, with radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40 pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " lg.)
14.	103096	2	Cam Track (Universal)
15.	900958	1	Rotor Rod Mount (172 ³ / ₄ ")
16.	901444	1	Pickup Tube (with 5 Spiders) (166 ³ / ₁₆ ")
17.	900949	1	4" Roller (170 ⁷ / ₁₆ ")
18.	900955	1	Hex Roller (168 ³ / ₈ ")
19.	900861	4	8-Hole Spider
Not Shown	901445	1	Complete 8-Tube Pickup Head Assembly (166 ³ / ₁₆ ")

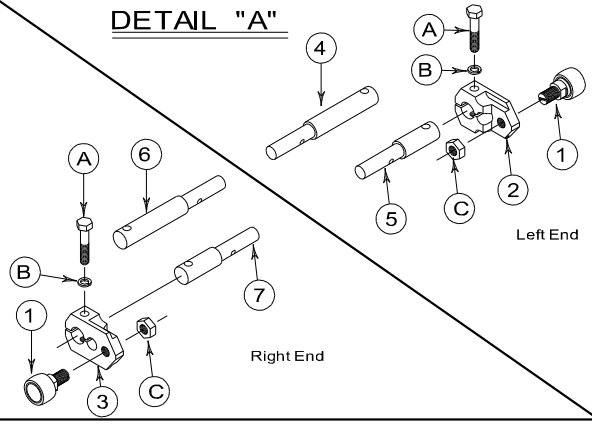
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

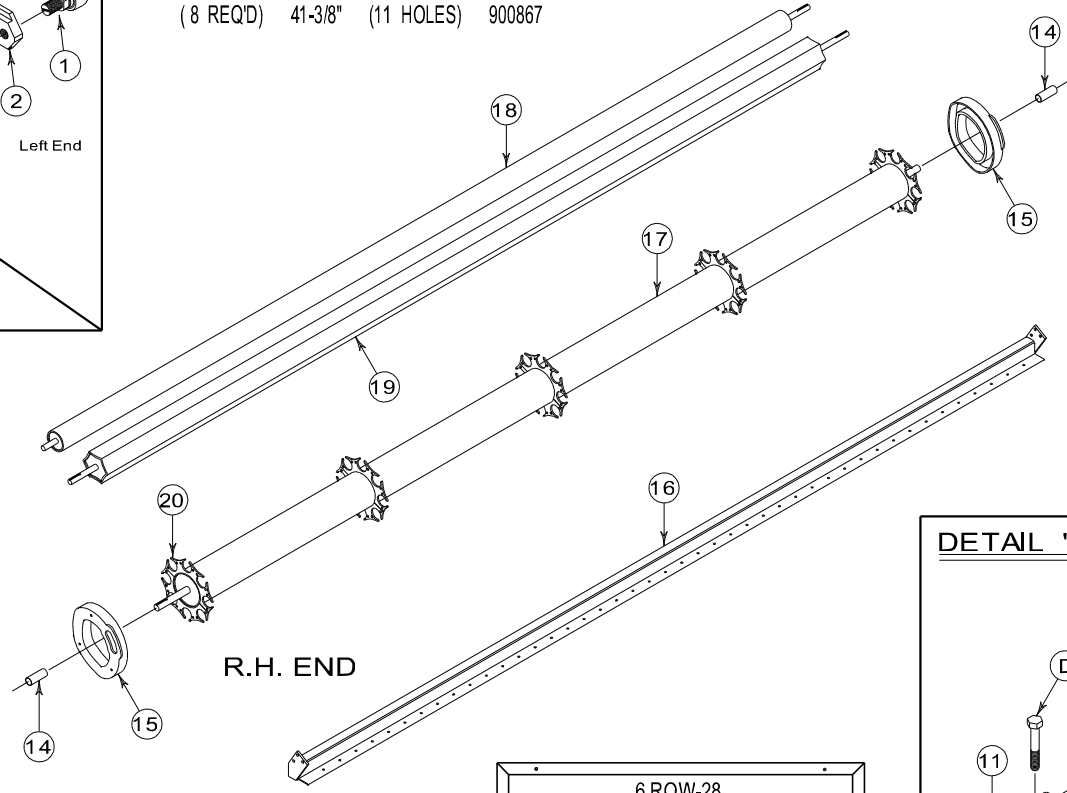
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		264	5/16" × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		264	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"



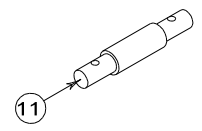
FINGER RODS REQUIRED PER (166-3/16") 8 TUBE P-J HEAD

(24 REQ'D)	37-3/8"	(10 HOLES)	900866
(8 REQ'D)	41-3/8"	(11 HOLES)	900867

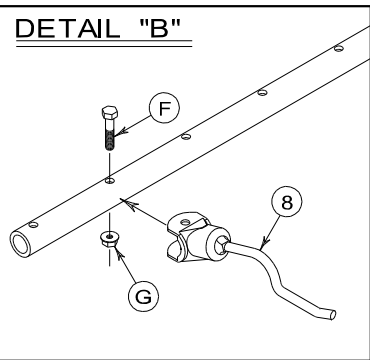


L.H. END

DETAIL "C"

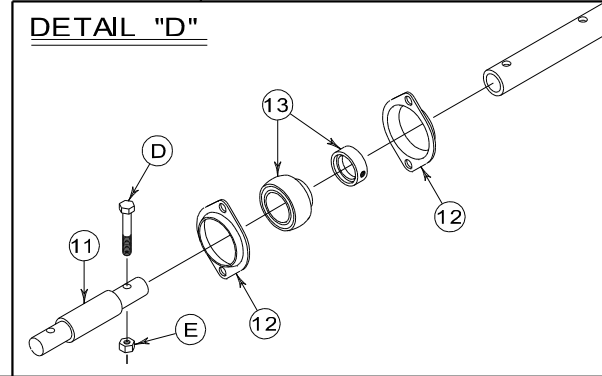


DETAIL "B"



R.H. END

DETAIL "D"

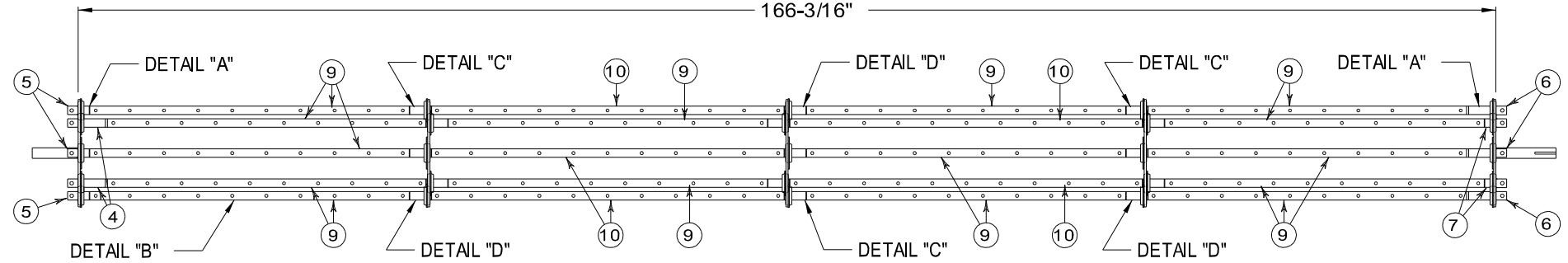


6 ROW-28
8 TUBE PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)

166-3/16"



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW-28) 2014–Present

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	328	Finger, with radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900866	24	Finger Rod 37 3/8" (10 Holes)
10.	900867	8	Finger Rod 41 3/8" (11 holes)
11.	900857	24	Coupler, Finger Rod
12.	106013	40pr	Flangette, 2-Hole
13.	102005	40	Bearing, 1" Insert (w/Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" lg.)
15.	103096	2	Cam Track (Universal)
16.	900958	1	Rotor Rod Mount (172 3/8")
17.	901444-A	1	Pickup Tube (with 5 Spiders) (166 3/16")
18.	900949	1	4" Roller (170 7/8")
19.	900955	1	Hex Roller (168 3/8")
20.	900861	5	8-Hole Spider
Not Shown	901445-A	1	Complete 8-Tube Pickup Head Assembly (166 3/16")

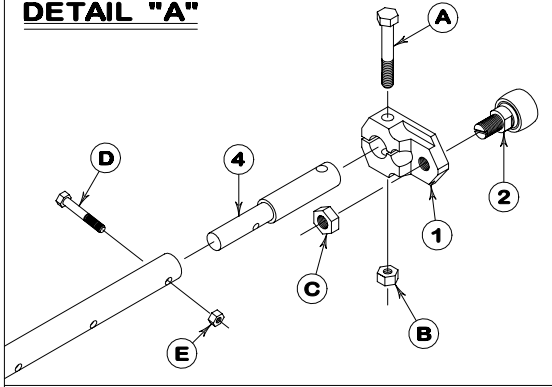
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		264	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		264	5/16" NC Whiz Nut (use on fingers only)

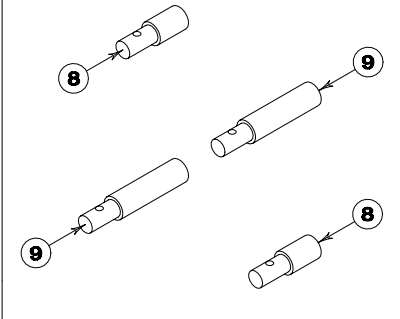
DETAIL "A"



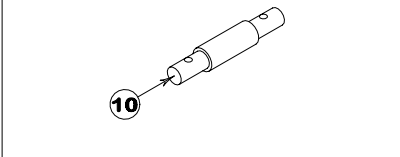
FINGER RODS REQUIRED PER (174-3/16") 8 TUBE P-U HEAD

(24 REQ'D) 41-3/8" (11 HOLES) 900867
 (8 REQ'D) 37-3/8" (10 HOLES) 900866

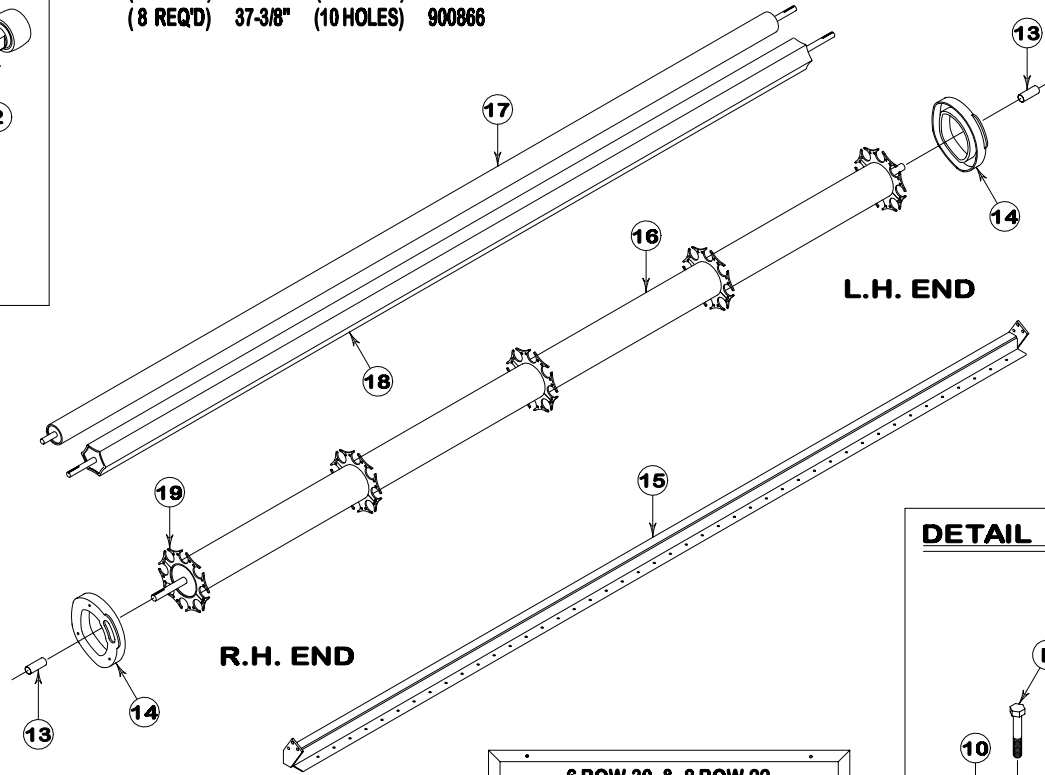
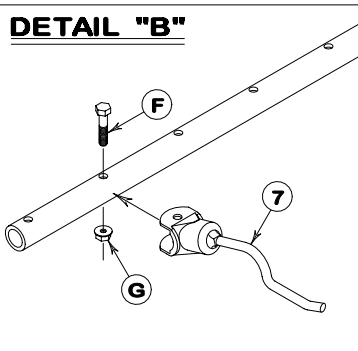
DETAIL "C"



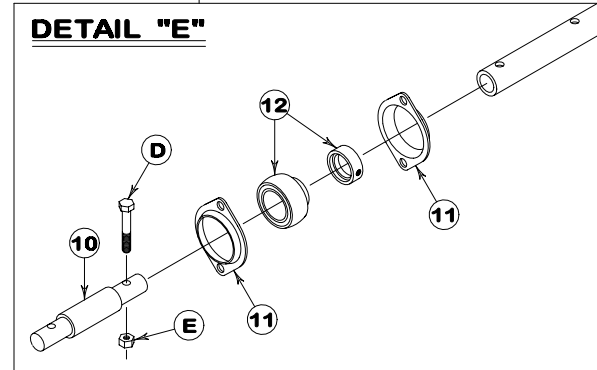
DETAIL "D"



DETAIL "B"

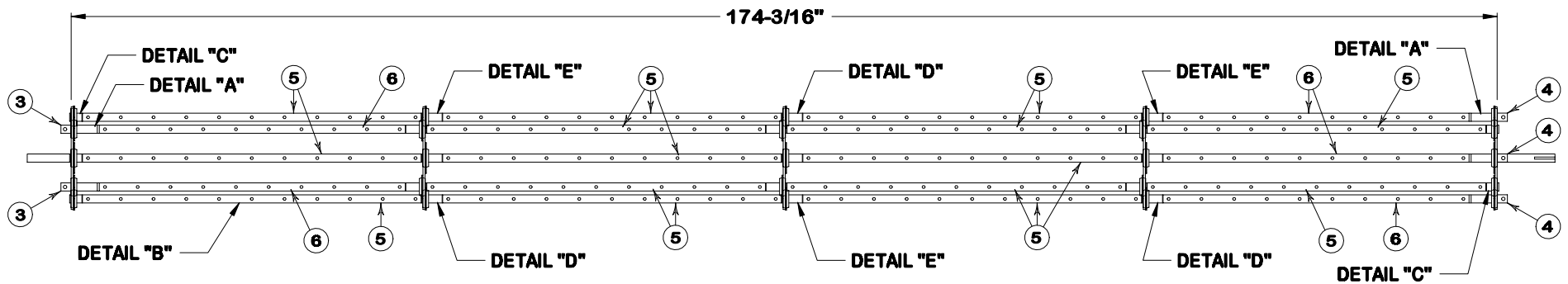


DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW 30 & 8 ROW 22) 1997–2013**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900867	24	Finger Rod 41 ³ / ₈ " (11 holes)
6.	900866	8	Finger Rod 37 ³ / ₈ " (10 holes)
7.	106036	344	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40Pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " lg.)
14.	103096	2	Cam Track (Universal)
15.	900203	1	Rotor Rod Mount (180 ³ / ₄ "
16.	940383	1	Pickup Tube (with 5 Spiders) (174 ³ / ₁₆ "
17.	900402	1	4" Roller (178 ⁷ / ₈ "
18.	900401	1	Hex Roller (176 ³ / ₈ "
19.	900861	5	8-Hole Spider
Not Shown	901400	1	Complete 8-Tube Pickup Head Assembly (174 ³ / ₁₆ "

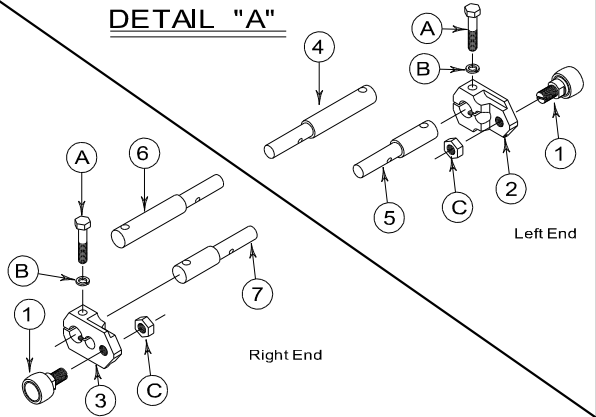
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

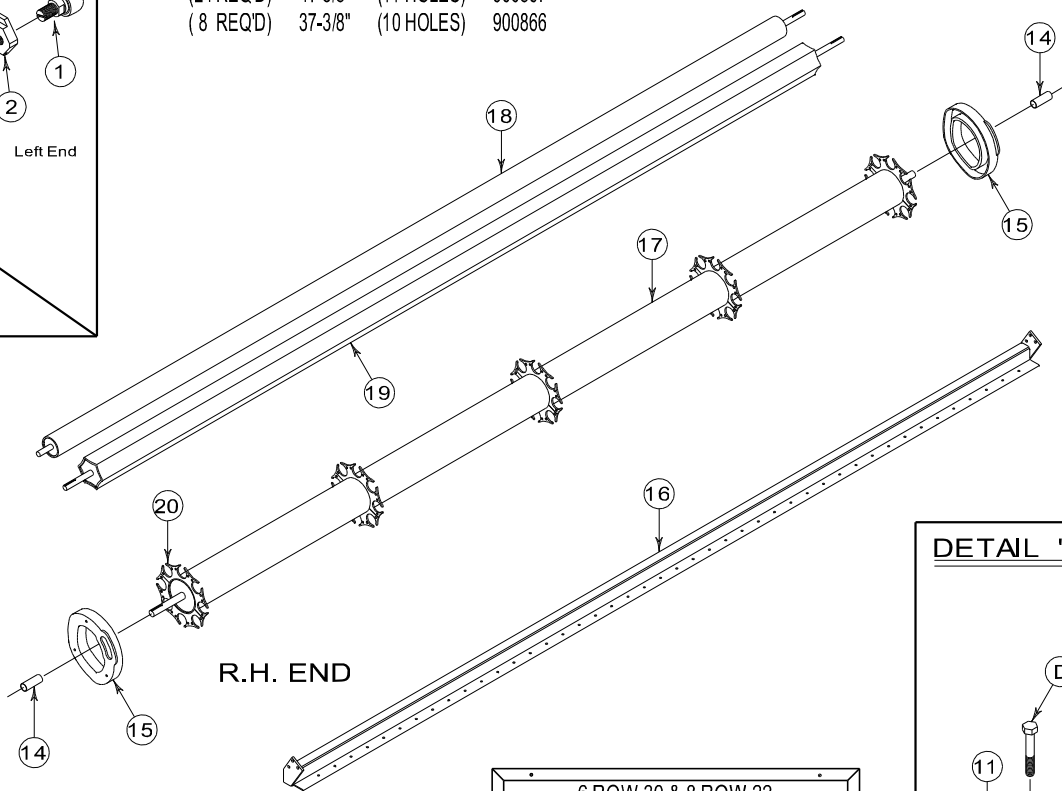
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		280	5/16" × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		280	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

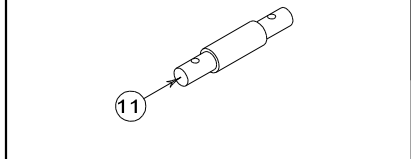


FINGER RODS REQUIRED PER (174-3/16") 8 TUBE P-U HEAD

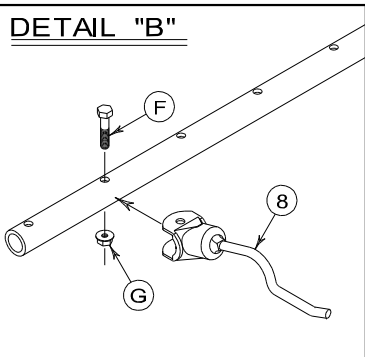
(24 REQ'D)	41-3/8"	(11 HOLES)	900867
(8 REQ'D)	37-3/8"	(10 HOLES)	900866



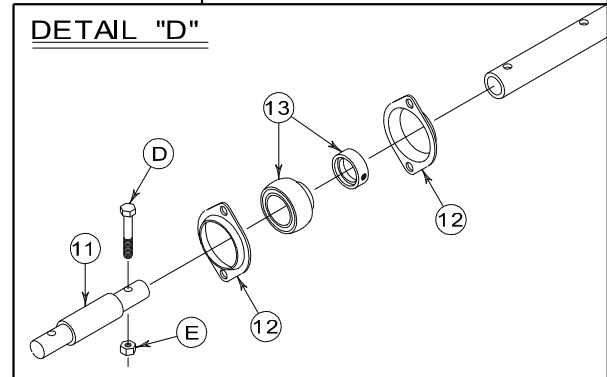
DETAIL "C"



DETAIL "B"



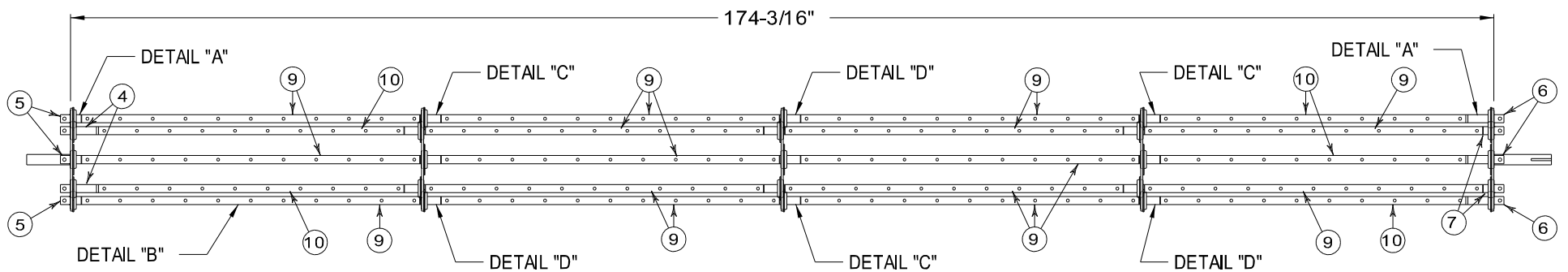
DETAIL "D"



6 ROW-30 & 8 ROW-22
8 TUBE PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW 30 & 8 ROW 22) 2014-Present

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	344	Finger, with radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900867	24	Finger Rod 41 ³ / ₈ " (11 holes)
10.	900866	8	Finger Rod 37 ³ / ₈ " (10 holes)
11.	900857	24	Coupler, Finger Rod
12.	106013	40Pr.	Flangette, 2 Hole
13.	102005	40	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " Lg.)(1 1/4" I.D.)
15.	103096	2	Cam Track (Universal)
16.	900203	1	Rotor Rod Mount (180 ³ / ₄ "
17.	940383-00	1	Pickup Tube (with 5 Spiders) (174 ³ / ₁₆ ") (1 ¹ / ₄ " PUH Bearings)
18.	900402	1	4" Roller (178 ⁷ / ₈ "
19.	900401	1	Hex Roller (176 ³ / ₈ "
20.	900861	5	Eight-Hole Spider
Not Shown	901400	1	Complete 8-Tube Pickup Head Assembly (174 ³ / ₁₆ ") (1 ¹ / ₄ " PUH Bearings)

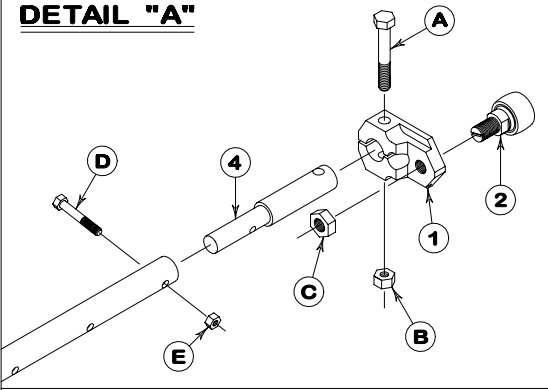
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)
Not Shown	900044	1	1" Pickup Head Carrier (Drive-end keyed)
Not Shown	900045	1	1" Pickup Head Carrier (Idler-end no key)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		280	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		280	5/16" NC Whiz Nut (use on fingers only)

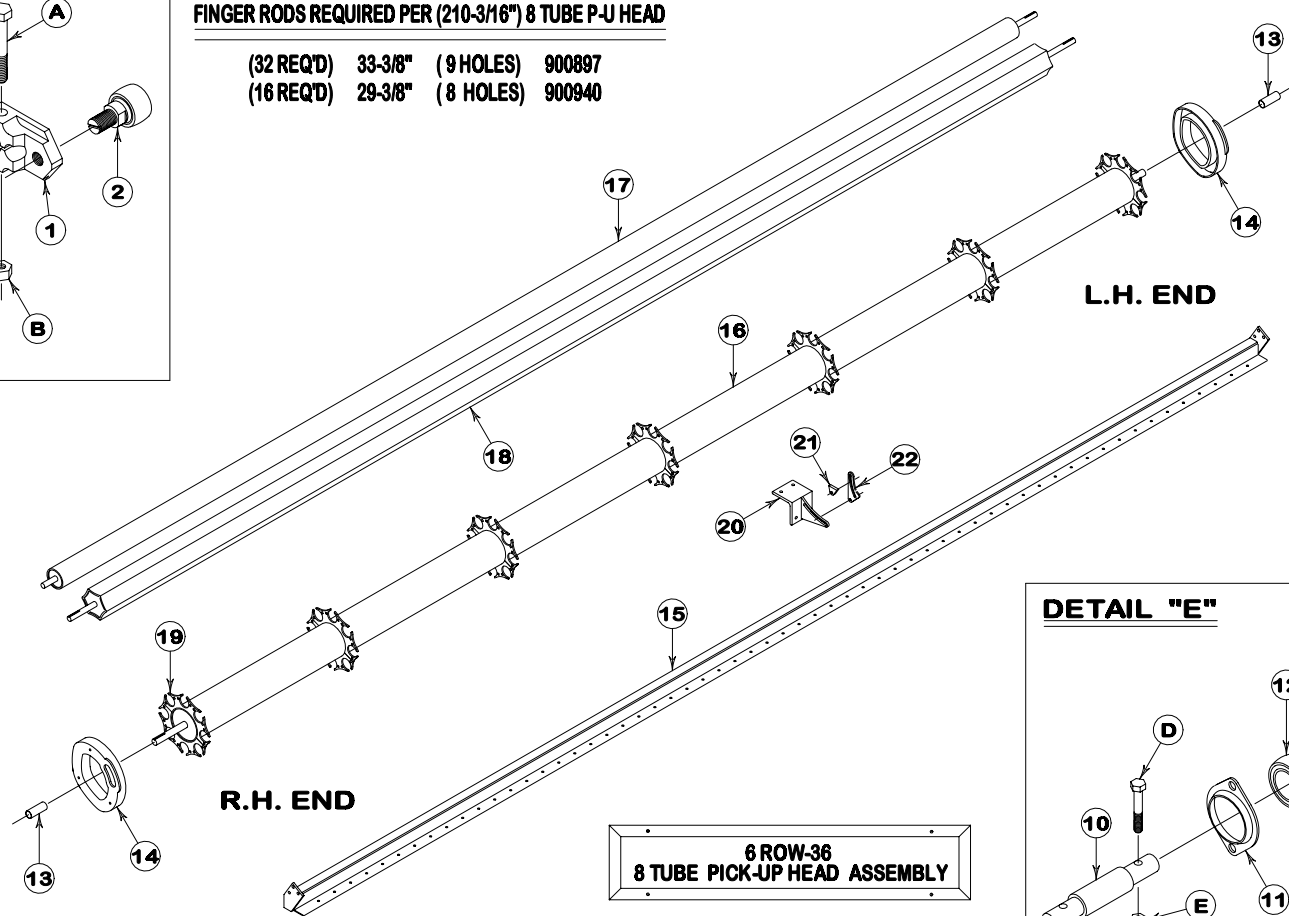
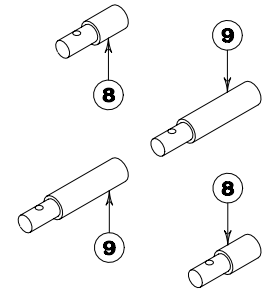
DETAIL "A"



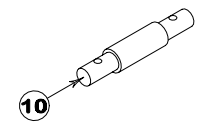
FINGER RODS REQUIRED PER (210-3/16") 8 TUBE P-J HEAD

(32 REQ'D) 33-3/8" (9 HOLES) 900897
 (16 REQ'D) 29-3/8" (8 HOLES) 900940

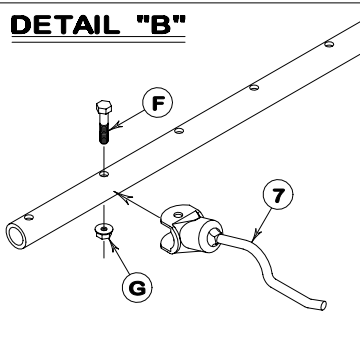
DETAIL "C"



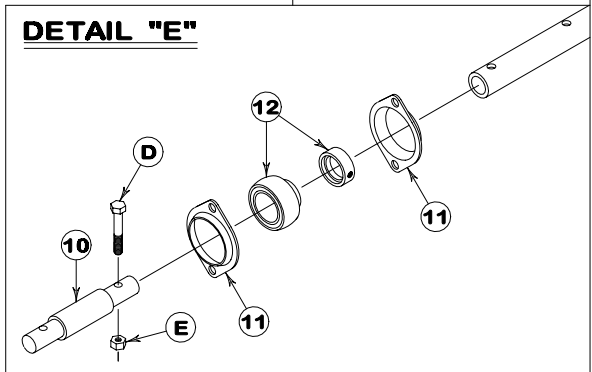
DETAIL "D"



DETAIL "B"

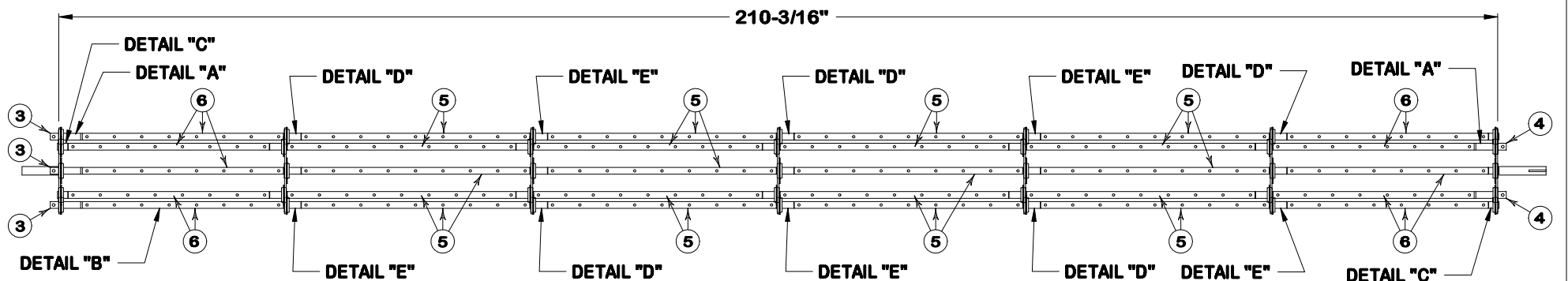


DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW-36) 1997–2012

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900897	32	Finger Rod 33 ³ / ₈ " (9 holes)
6.	900940	16	Finger Rod 29 ³ / ₈ " (8 holes)
7.	106036	416	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	40	Coupler, Finger Rod
11.	106013	56 Pr.	Flangette, 2-Hole
12.	102005	56	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " Lg.)
14.	103096	2	Cam Track (Universal)
15.	900799	1	Rotor Rod Mount (216 ³ / ₄ "
16.	901446	1	Pickup Tube (with 7 Spiders) (210 ³ / ₁₆ "
17.	901289	1	4" Roller (214 ⁷ / ₈ "
18.	901290	1	Hex Roller (212 ³ / ₈ "
19.	900861	7	8-Hole Spider
20.	901025	1	Rotor Rod Support Guide
21.	900769	1	Rotor Rod Support Bracket (weld-on)
22.	900762	1	Rotor Rod Support Connection Plate
Not Shown	901447	1	Complete 8-Tube Pickup Head Assembly (210 ³ / ₁₆ "

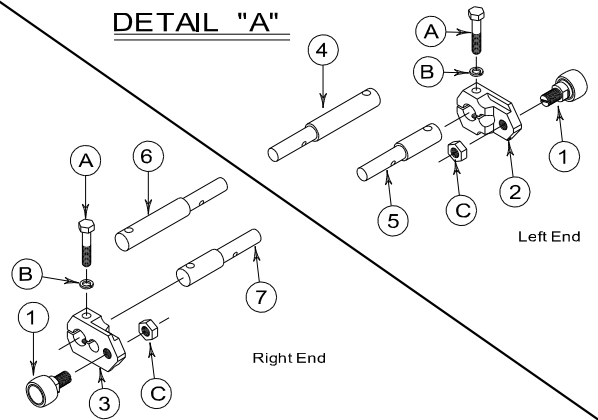
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)

Hardware List

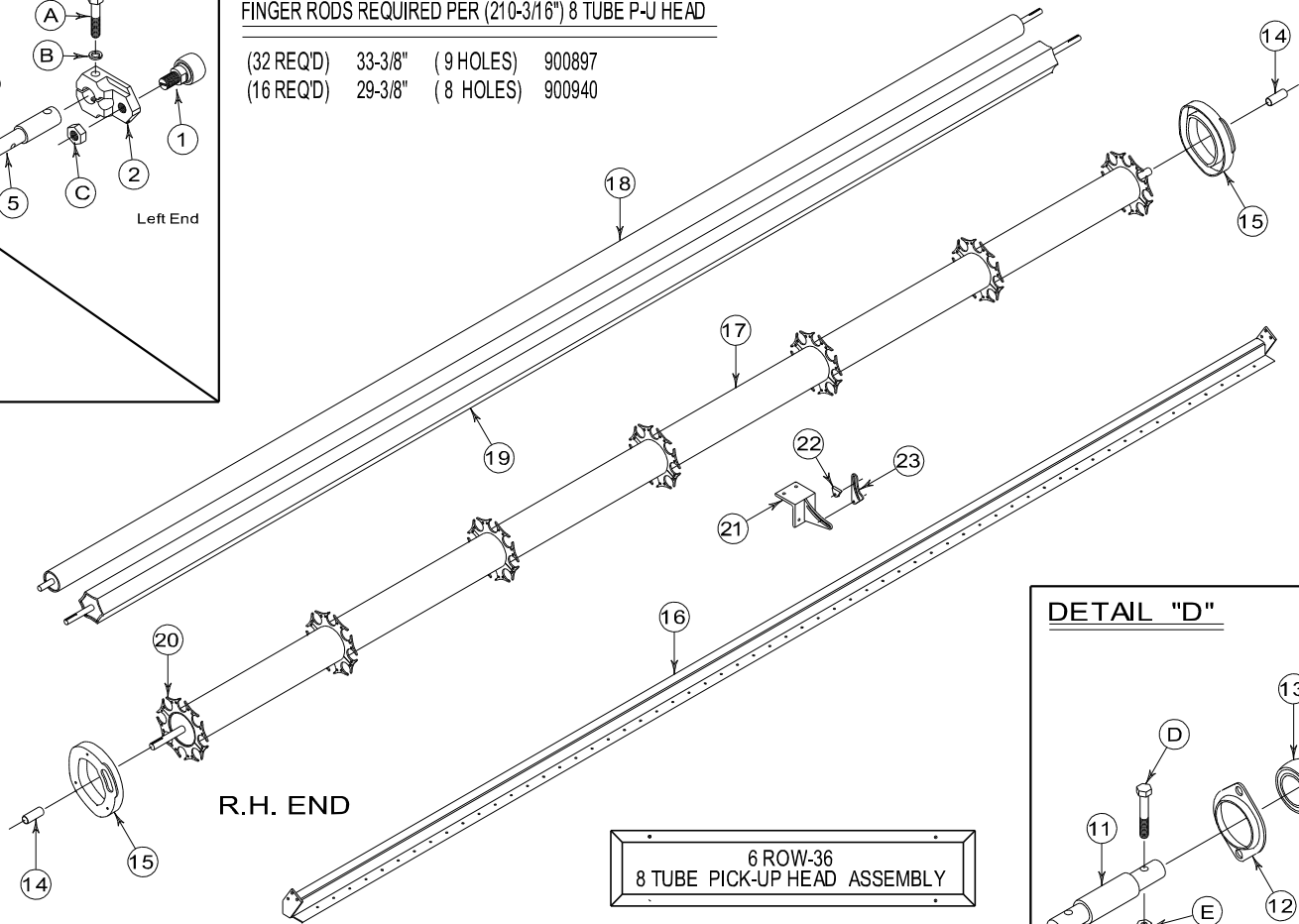
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		320	5/16" × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		320	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"



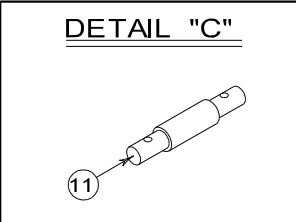
FINGER RODS REQUIRED PER (210-3/16") 8 TUBE P-U HEAD

(32 REQ'D)	33-3/8"	(9 HOLES)	900897
(16 REQ'D)	29-3/8"	(8 HOLES)	900940

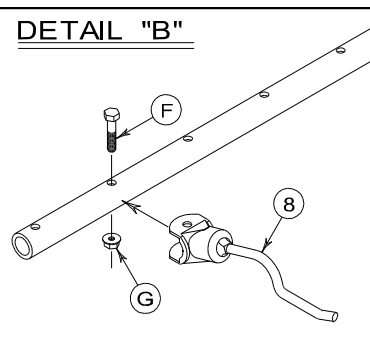


L.H. END

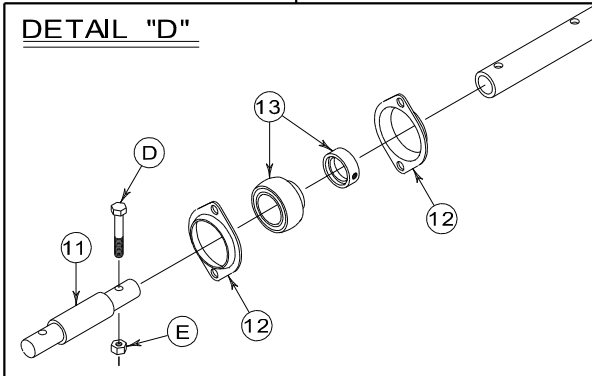
DETAIL "C"



DETAIL "B"

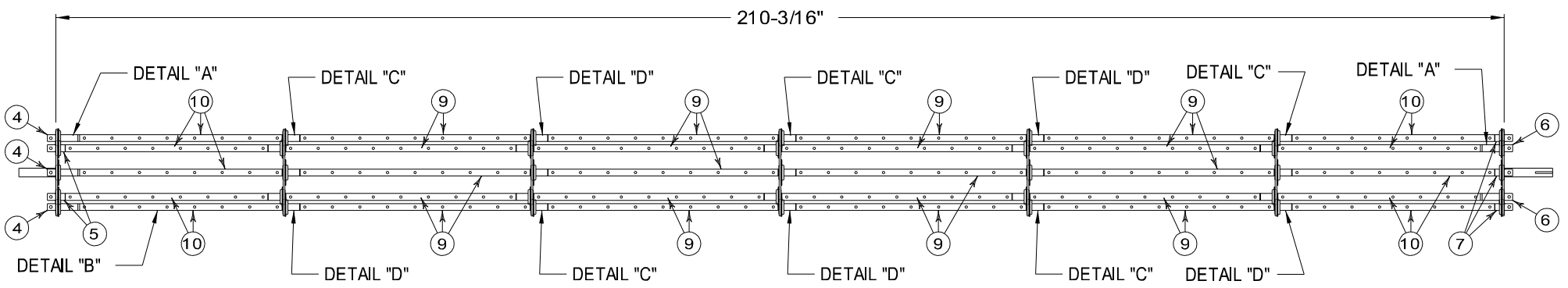


DETAIL "D"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW-36) 2013-Present

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	416	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900897	32	Finger Rod 33 3/8" (9 holes)
10.	900940	16	Finger Rod 29 3/8" (8 holes)
11.	900857	40	Coupler, Finger Rod
12.	106013	56pr	Flangette, 2-Hole
13.	102005	56	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
15.	103096	2	Cam Track (Universal)
16.	900799	1	Rotor Rod Mount (216 3/8")
17.	901446	1	Pickup Tube (with 7 Spiders) (210 3/16")
18.	901289	1	4" Roller (214 7/8")
19.	901290	1	Hex Roller (212 3/8")
20.	900861	7	8-Hole Spider
21.	901025	1	Rotor Rod Support Guide
22.	900769	1	Rotor Rod Support Bracket (weld-on)
23.	900762	2	Rotor Rod Support Connection Plate
Not Shown	901447	1	Complete 8-Tube Pickup Head Assembly (210 3/16")

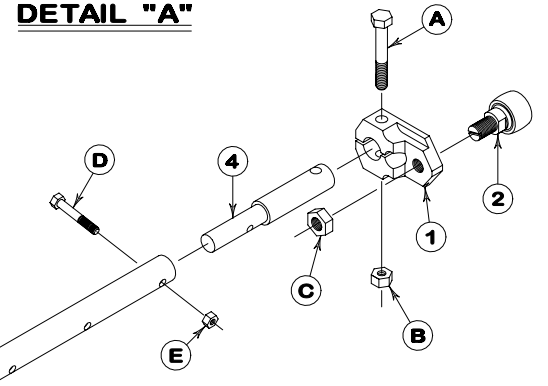
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" x 2 1/4" NF Hex Bolt—Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	96	5/16" x 2" NF Hex Bolt—Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut—Grade 9 (sold as a set with bolt)
F.		320	5/16" x 1 1/2" NC Hex Bolt—Grade 5 (use on fingers only)
G.		320	5/16" NC Whiz Nut (use on fingers only)

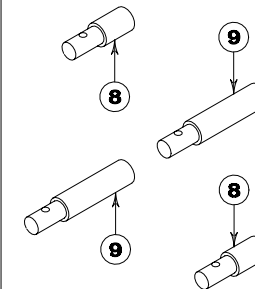
DETAIL "A"



FINGER RODS REQUIRED PER (222-3/16") 8 TUBE P-U HEAD

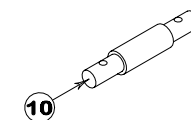
(16 REQ'D)	37-3/8"	(10 HOLES)	900866
(24 REQ'D)	33-3/8"	(9 HOLES)	900897
(8 REQ'D)	29-3/8"	(8 HOLES)	900940

DETAIL "C"

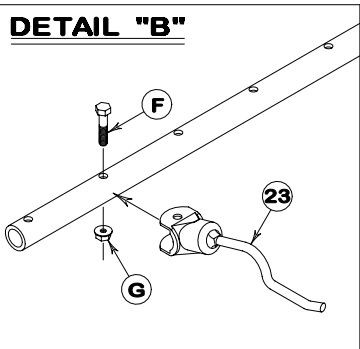


L.H. END

DETAIL "D"

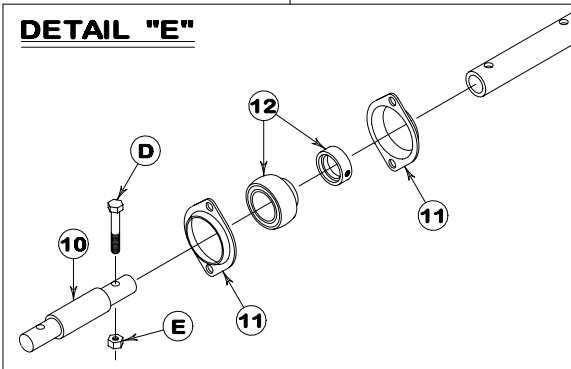


DETAIL "B"



R.H. END

DETAIL "E"

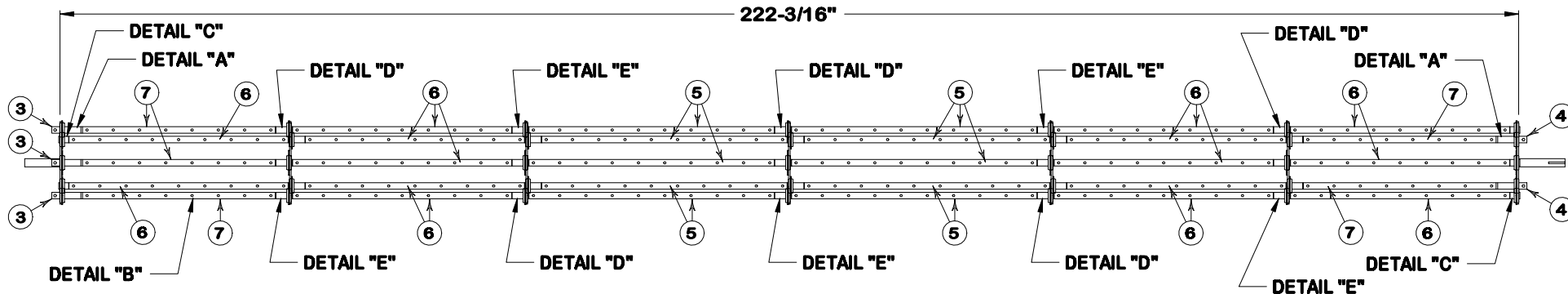


6 ROW-38
8 TUBE PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)

222-3/16"



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW 38) 1997-2012

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900866	16	Finger Rod 37 3/8" (10 holes)
6.	900897	24	Finger Rod 33 3/8" (9 holes)
7.	900940	8	Finger Rod 29 3/8" (8 holes)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	40	Coupler, Finger Rod
11.	106013	56pr	Flangette, 2-Hole
12.	102005	56	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
14.	103096	2	Cam Track (Universal)
15.	900820	1	Rotor Rod Mount (228 3/8")
16.	940387	1	Pickup Tube (with 7 Spiders) (222 3/16")
17.	901291	1	4" Roller (226 7/8")
18.	901292	1	Hex Roller (224 3/8")
19.	900861	7	8-Hole Spider
20.	901025	1	Rotor Rod Support Guide
21.	900769	1	Rotor Rod Support Bracket (weld-on)
22.	900762	2	Rotor Rod Support Connection Plate
23.	106036	440	Finger, with Radius (8-Tube Pickup Head)
23a.	106052	0	Finger, Soft (Optional)
Not Shown	940388	1	Complete 8-tube Pickup Head Assembly (222 3/16")

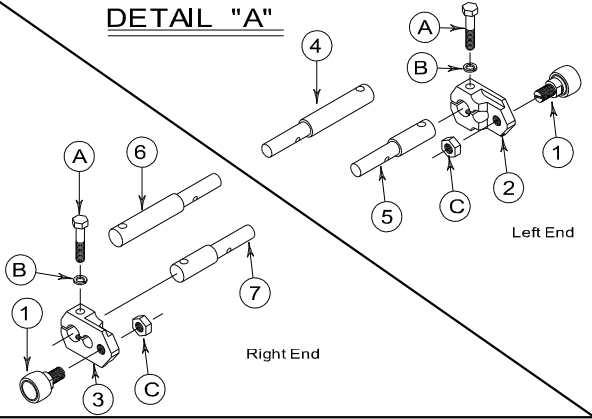
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

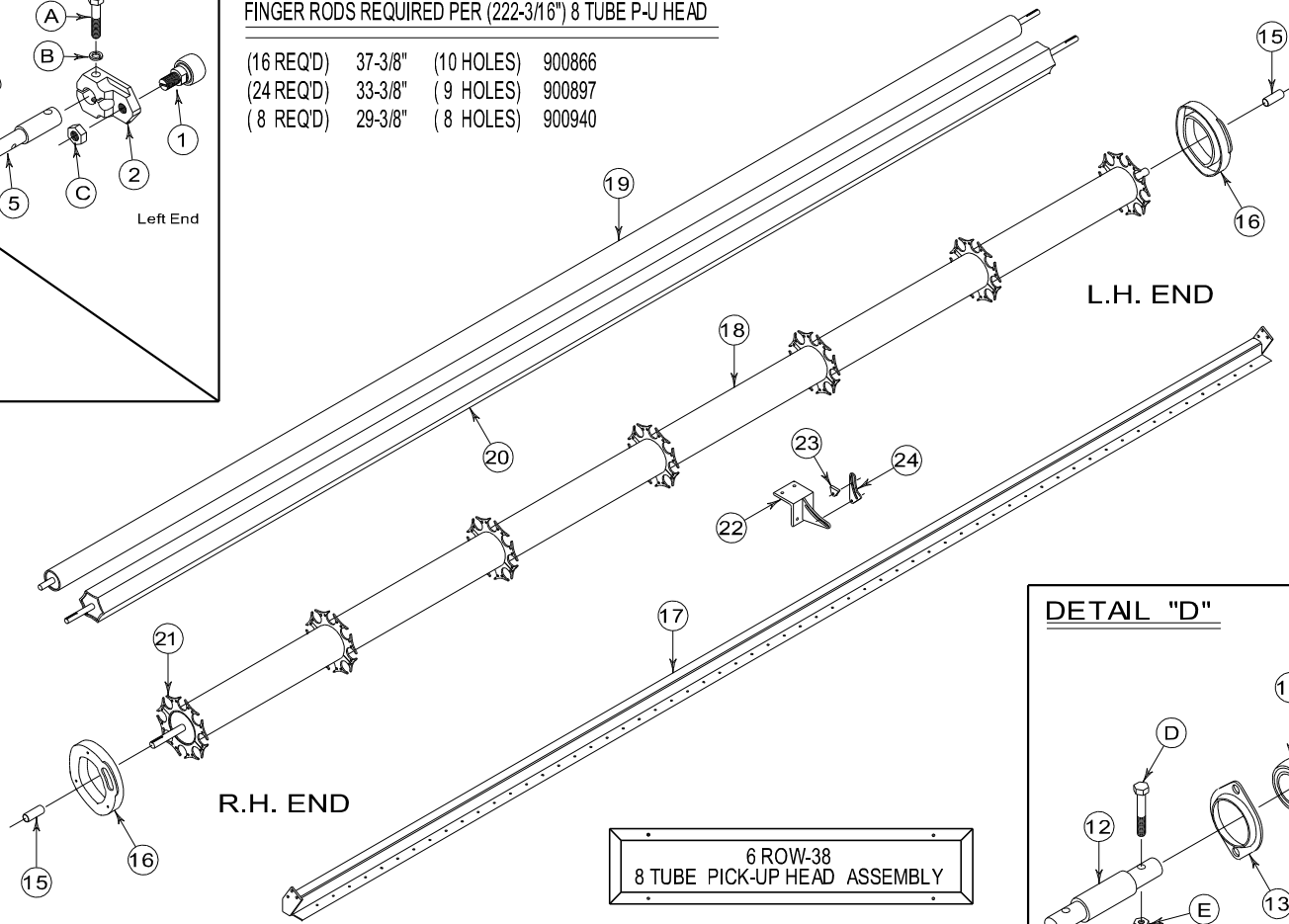
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		344	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		344	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

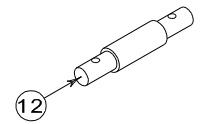


FINGER RODS REQUIRED PER (222-3/16") 8 TUBE P-J HEAD

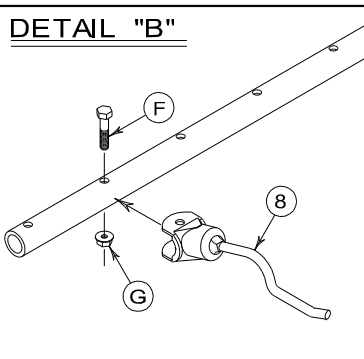
(16 REQ'D)	37-3/8"	(10 HOLES)	900866
(24 REQ'D)	33-3/8"	(9 HOLES)	900897
(8 REQ'D)	29-3/8"	(8 HOLES)	900940



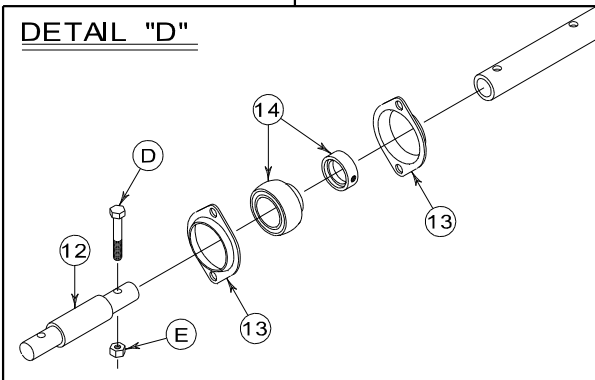
DETAIL "C"



DETAIL "B"

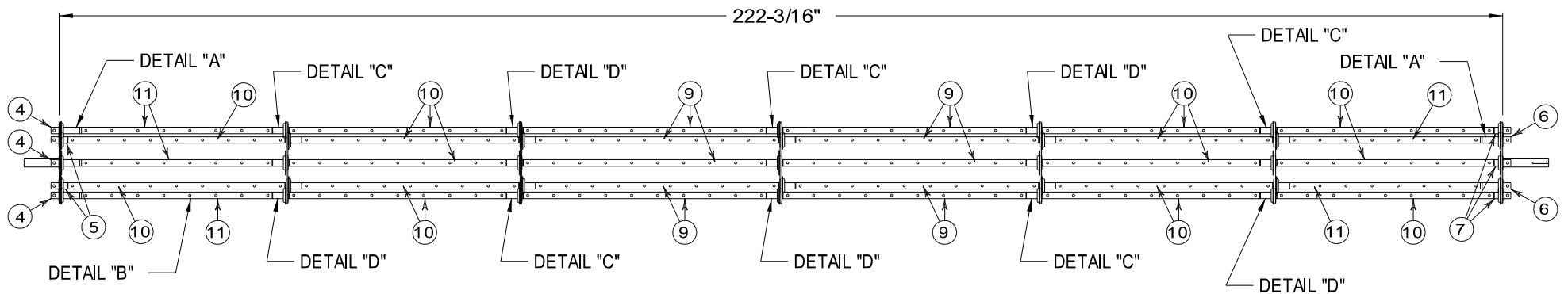


DETAIL "D"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (6 ROW 38) 2013-Present

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	440	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900866	16	Finger Rod 37 3/8" (10 holes)
10.	900897	24	Finger Rod 33 3/8" (9 holes)
11.	900940	8	Finger Rod 29 3/8" (8 holes)
12.	900857	40	Coupler, Finger Rod
13.	106013	56pr	Flangette, 2-Hole
14.	102005	56	Bearing, 1" Insert (w/Lock Collar)
15.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
16.	103096	2	Cam Track (Universal)
17.	900820	1	Rotor Rod Mount (228 3/8")
18.	940387	1	Pickup Tube (with 7 Spiders) (222 3/16")
19.	901291	1	4" Roller (226 7/8")
20.	901292	1	Hex Roller (224 3/8")
21.	900861	7	8-Hole Spider
22.	901025	1	Rotor Rod Support Guide
23.	900769	1	Rotor Rod Support Bracket (weld-on)
24.	900762	2	Rotor Rod Support Connection Plate
Not Shown	940388	1	Complete 8-tube Pickup Head Assembly (222 3/16")

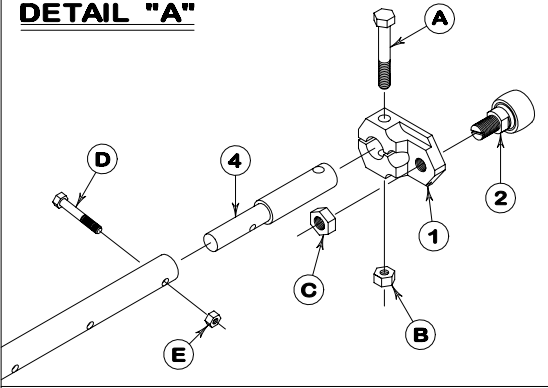
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		344	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		344	5/16" NC Whiz Nut (use on fingers only)

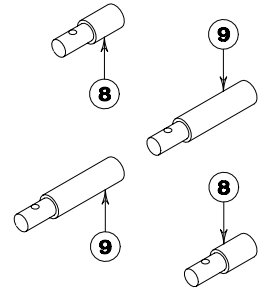
DETAIL "A"



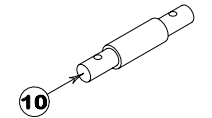
FINGER RODS REQUIRED PER (234-3/16") 8 TUBE P-U HEAD

(32 REQ'D) 37-3/8" (10 HOLES) 900866
 (16 REQ'D) 33-3/8" (9 HOLES) 900897

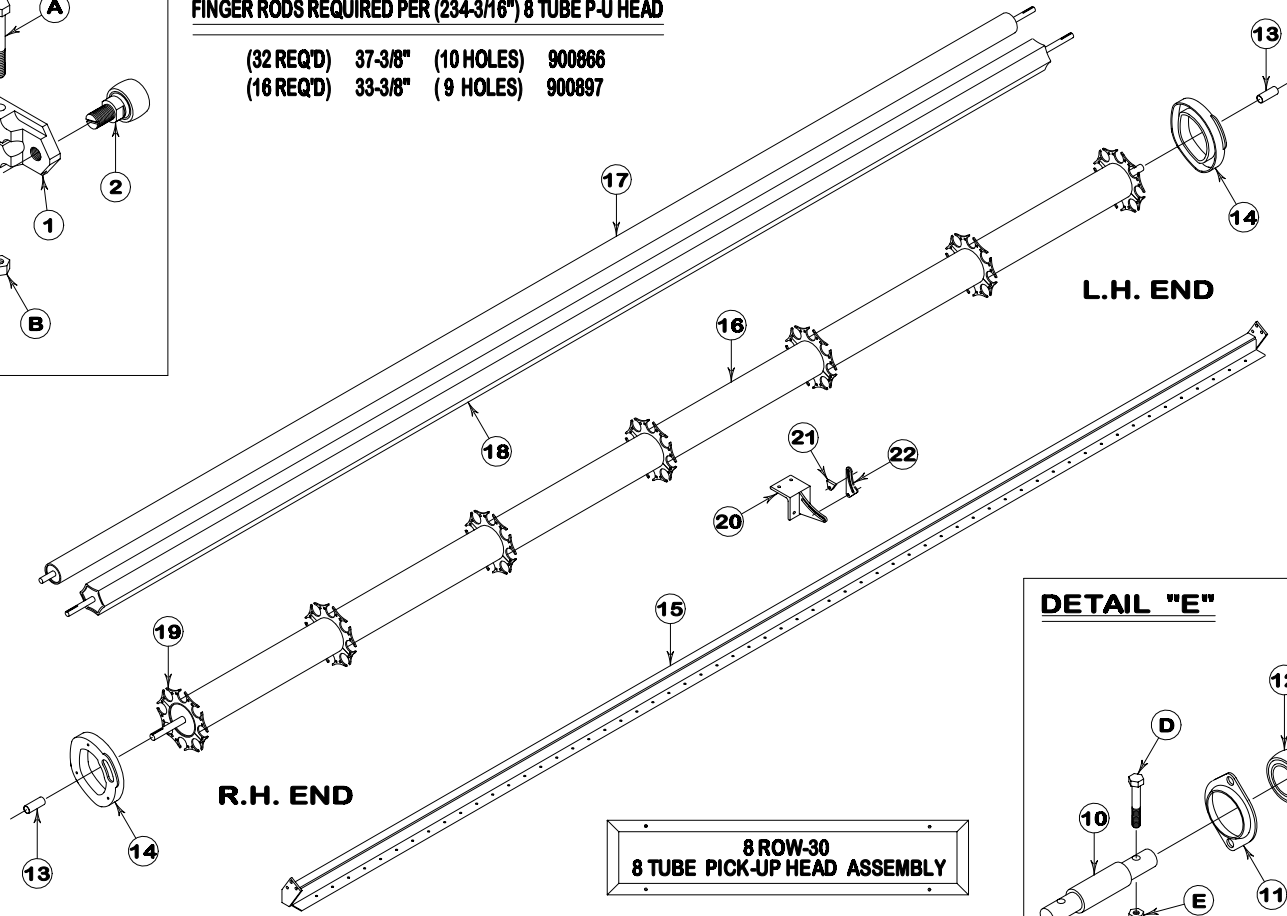
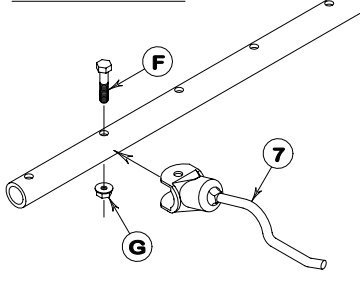
DETAIL "C"



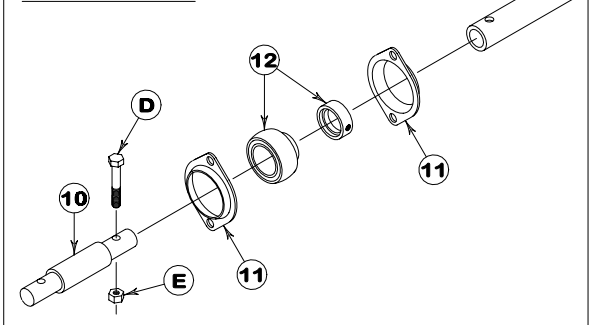
DETAIL "D"



DETAIL "B"

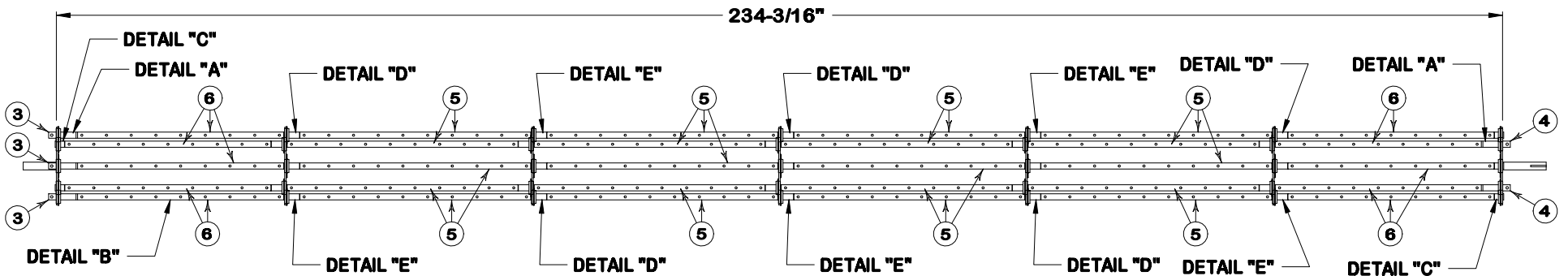


DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (8 ROW 30) 1997-2012

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900866	32	Finger Rod 37 3/8" (10 holes)
6.	900897	16	Finger Rod 33 3/8" (9 holes)
7.	106036	464	Finger, with radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	40	Coupler, Finger Rod
11.	106013	56Pr.	Flangette, 2-Hole
12.	102005	56	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" lg.)
14.	103096	2	Cam Track (Universal)
15.	900780	1	Rotor Rod Mount (240 3/8")
16.	901439	1	Pickup Tube (with 7 Spiders) (234 3/16")
17.	901293	1	4" Roller (238 7/8")
18.	901294	1	Hex Roller (236 3/8")
19.	900861	7	8-Hole Spider
20.	901025	1	Rotor Rod Support Guide
21.	900769	1	Rotor Rod Support Bracket (weld on)
22.	900762	2	Rotor Rod Support Connection Plate
Not Shown	901440	1	Complete 8-Tube Pickup Head Assembly (234 3/16")

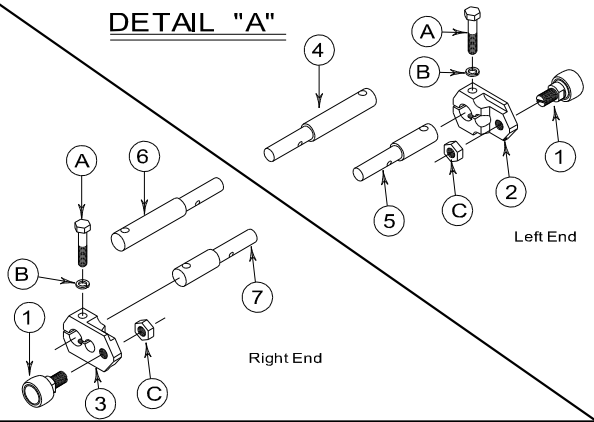
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

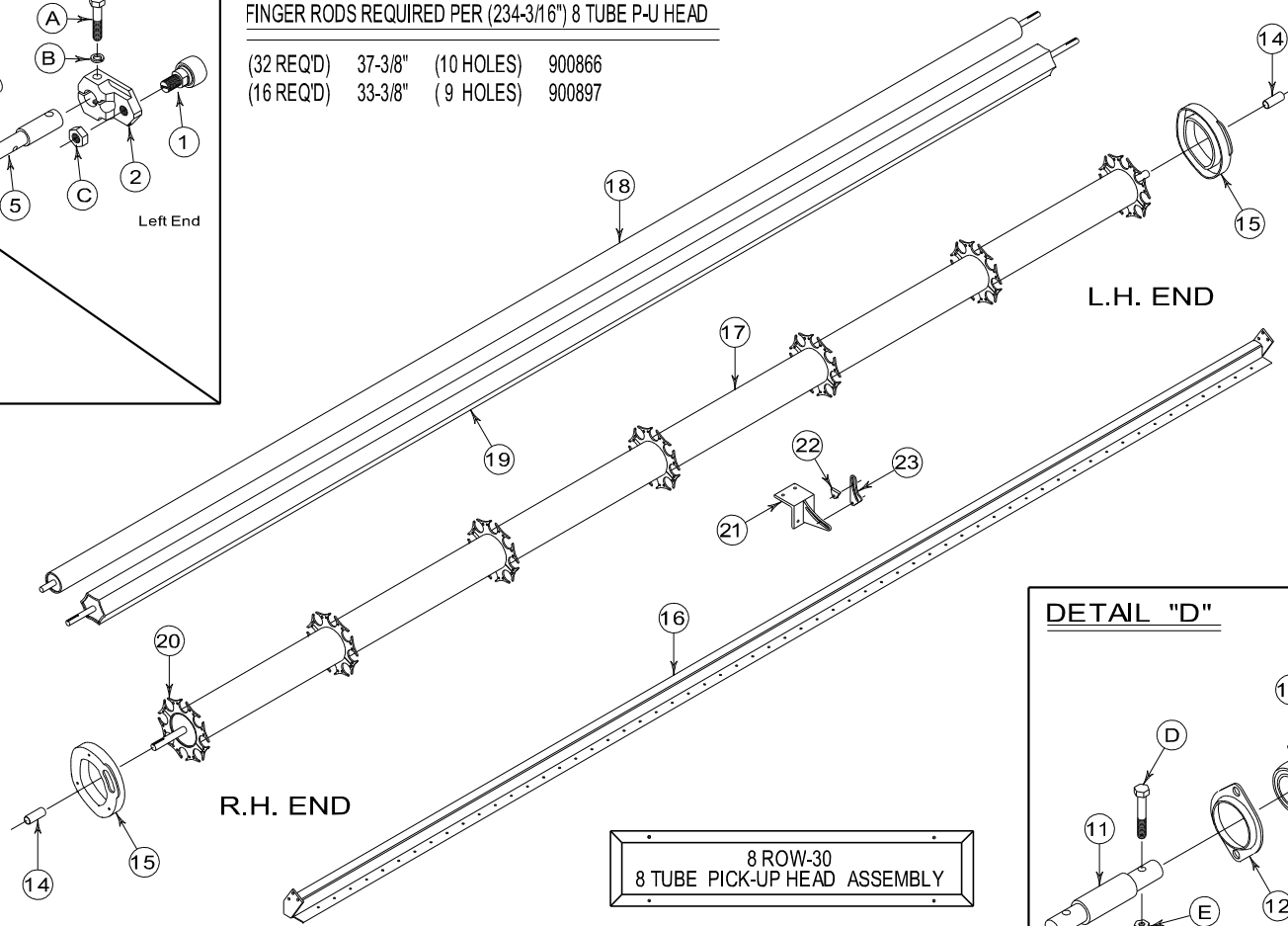
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt—Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt—Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut—Grade-9 (sold as a set with bolt)
F.		368	5/16" × 1 1/2" NC Hex Bolt—Grade-5 (use on fingers only)
G.		368	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

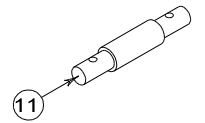


FINGER RODS REQUIRED PER (234-3/16") 8 TUBE P-U HEAD

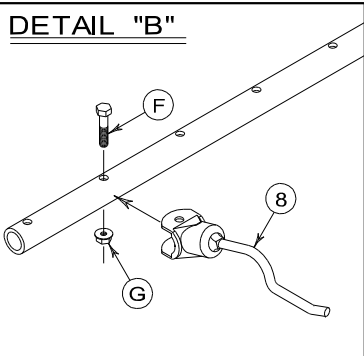
(32 REQ'D)	37-3/8"	(10 HOLES)	900866
(16 REQ'D)	33-3/8"	(9 HOLES)	900897



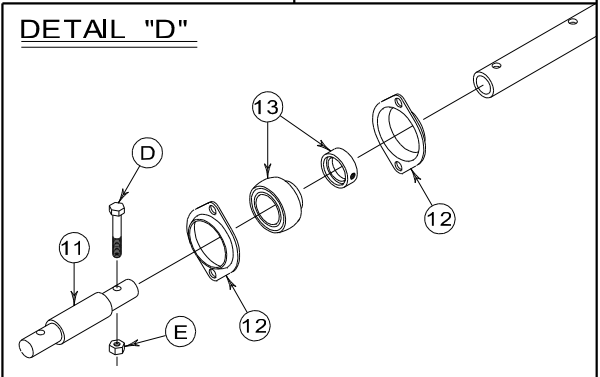
DETAIL "C"



DETAIL "B"

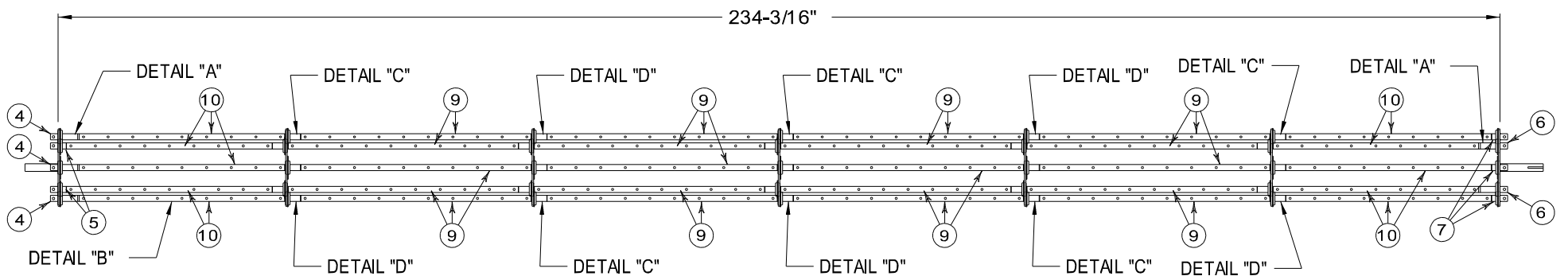


DETAIL "D"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (8 ROW 30) 2013-Present

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	464	Finger, with radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900866	32	Finger Rod 37 3/8" (10 holes)
10.	900897	16	Finger Rod 33 3/8" (9 holes)
11.	900857	40	Coupler, Finger Rod
12.	106013	56Pr.	Flangette, 2-Hole
13.	102005	56	Bearing, 1" Insert (w/Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" lg.)
15.	103096	2	Cam Track (Universal)
16.	900780	1	Rotor Rod Mount (240 3/8")
17.	901439	1	Pickup Tube (with 7 Spiders) (234 3/16")
18.	901293	1	4" Roller (238 7/8")
19.	901294	1	Hex Roller (236 3/8")
20.	900861	7	8-Hole Spider
21.	901025	1	Rotor Rod Support Guide
22.	900769	1	Rotor Rod Support Bracket (weld on)
23.	900762	2	Rotor Rod Support Connection Plate
Not Shown	901440	1	Complete 8-Tube Pickup Head Assembly (234 3/16")

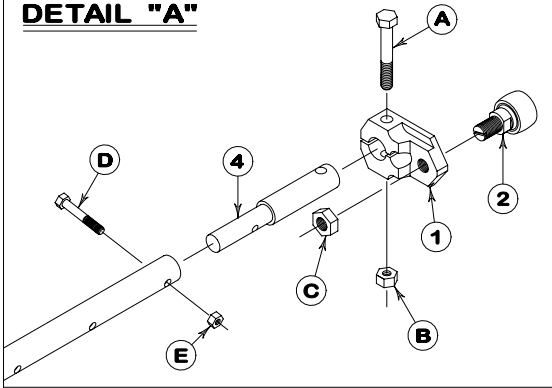
Roller Carriers

Not Shown	901450	1	Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt—Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt—Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut—Grade-9 (sold as a set with bolt)
F.		368	5/16" × 1 1/2" NC Hex Bolt—Grade-5 (use on fingers only)
G.		368	5/16" NC Whiz Nut (use on fingers only)

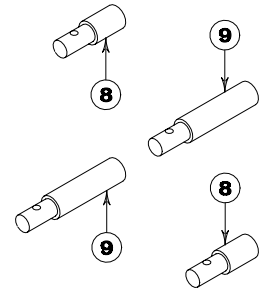
DETAIL "A"



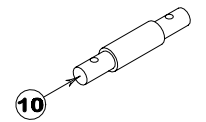
FINGER RODS REQUIRED PER (258-3/16") 8 TUBE P-U HEAD

(32 REQ'D) 41-3/8" (11 HOLES) 900867
 (16 REQ'D) 37-3/8" (10 HOLES) 900866

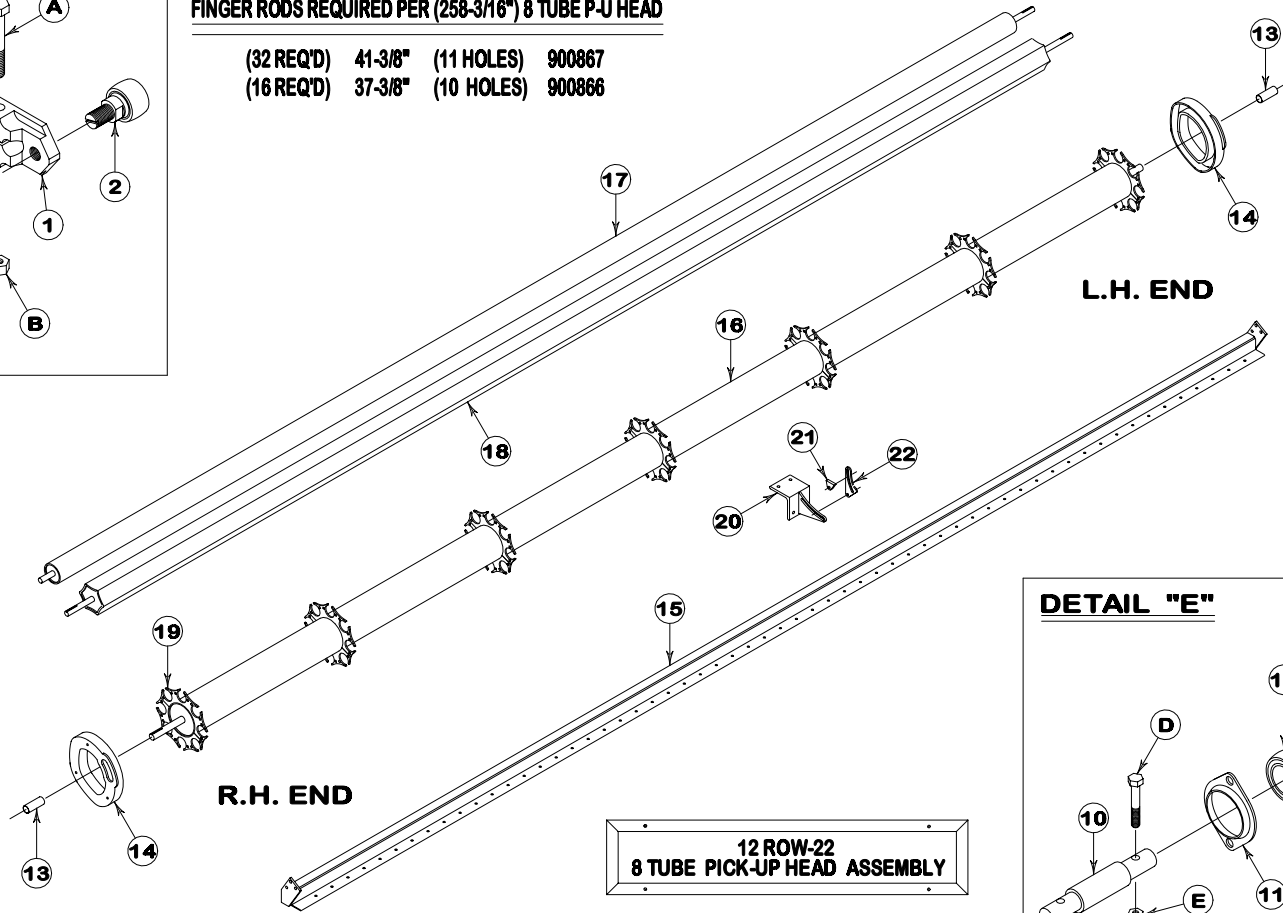
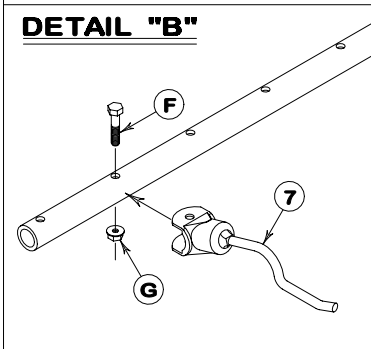
DETAIL "C"



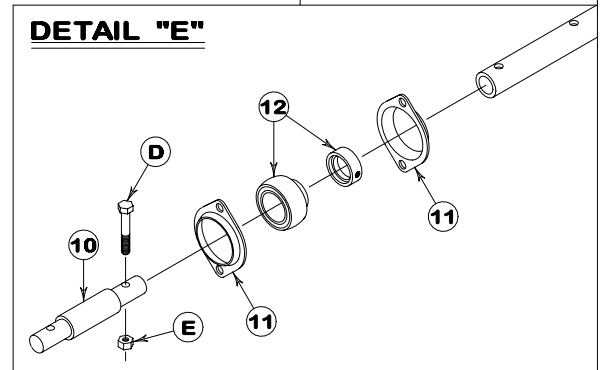
DETAIL "D"



DETAIL "B"

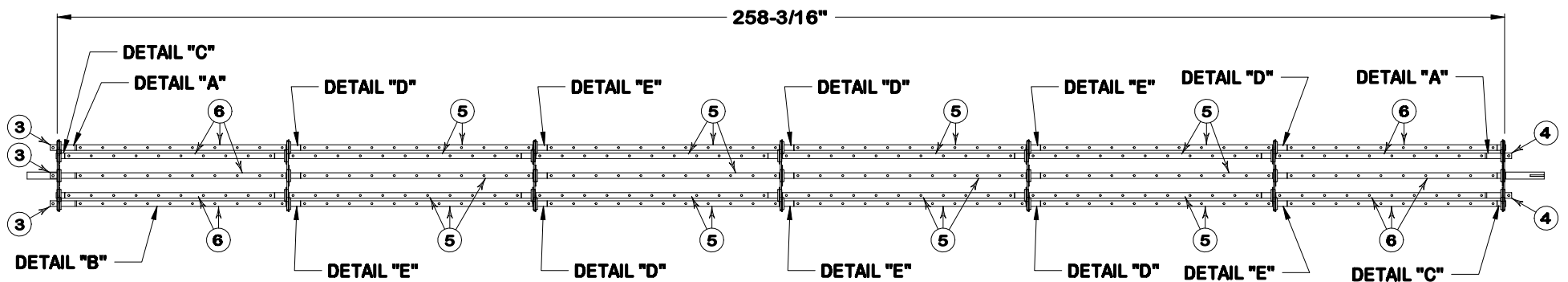


DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (12 ROW 22) 1997-2012

Parts List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900867	32	Finger Rod 41 3/8" (11 holes)
6.	900866	16	Finger Rod 37 3/8" (10 holes)
7.	106036	512	Finger, with radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	40	Coupler, Finger Rod
11.	106013	56pr.	Flangette, 2-Hole
12.	102005	56	Bearing, 1" Insert (w/Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" lg.)
14.	103096	2	Cam Track (Universal)
15.	900878	1	Rotor Rod Mount (264 3/8")
16.	901448	1	Pickup Tube (with 7 Spiders) (258 3/16")
17.	901295	1	4" Roller (262 7/8")
18.	901296	1	Hex Roller (260 3/8")
19.	900861	7	8-Hole Spider
20.	901025	1	Rotor Rod Support Guide
21.	900769	1	Rotor Rod Support Bracket (weld on)
22.	900762	2	Rotor Rod Support Connection Plate
Not Shown	901449	1	Complete 8-Tube Pickup Head Assembly (258 3/16")

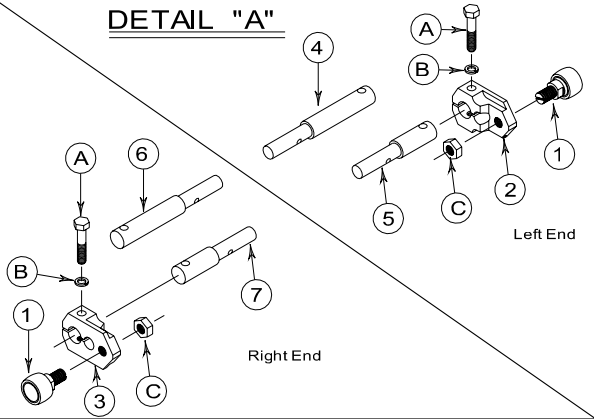
Roller Carriers

Not Shown	901450	1	1¼" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1¼" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

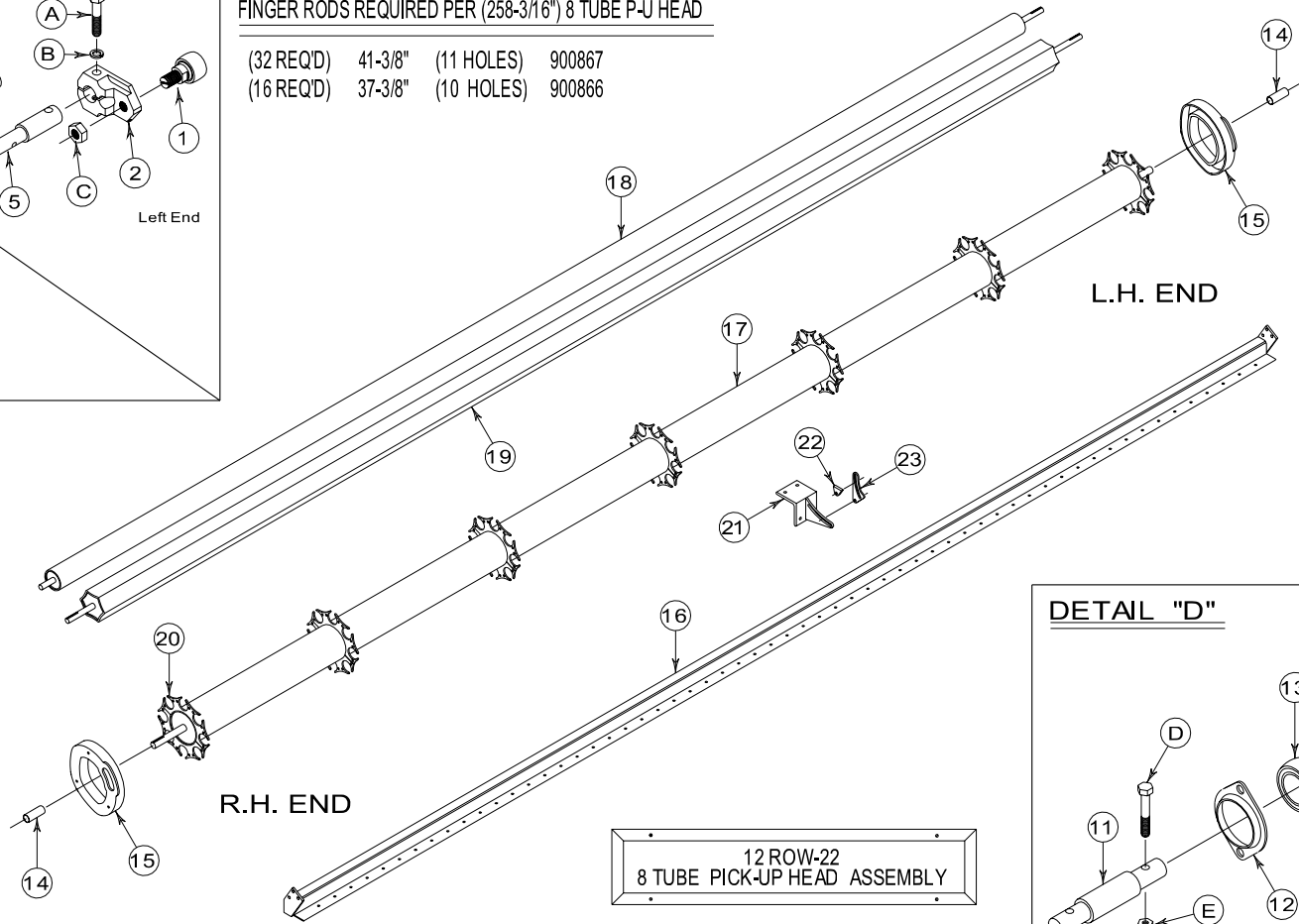
<u>Item No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		416	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		416	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

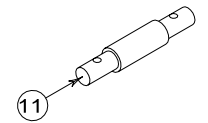


FINGER RODS REQUIRED PER (258-3/16") 8 TUBE P-U HEAD

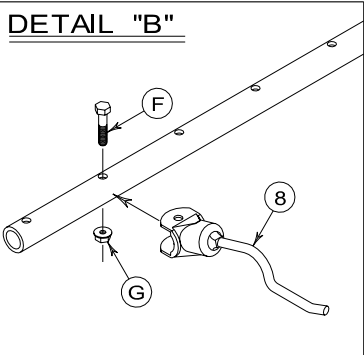
(32 REQD)	41-3/8"	(11 HOLES)	900867
(16 REQD)	37-3/8"	(10 HOLES)	900866



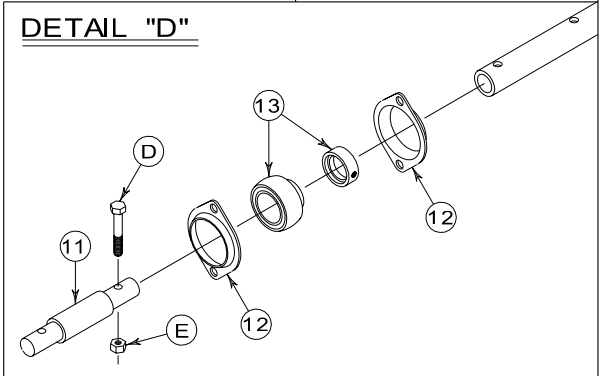
DETAIL "C"



DETAIL "B"

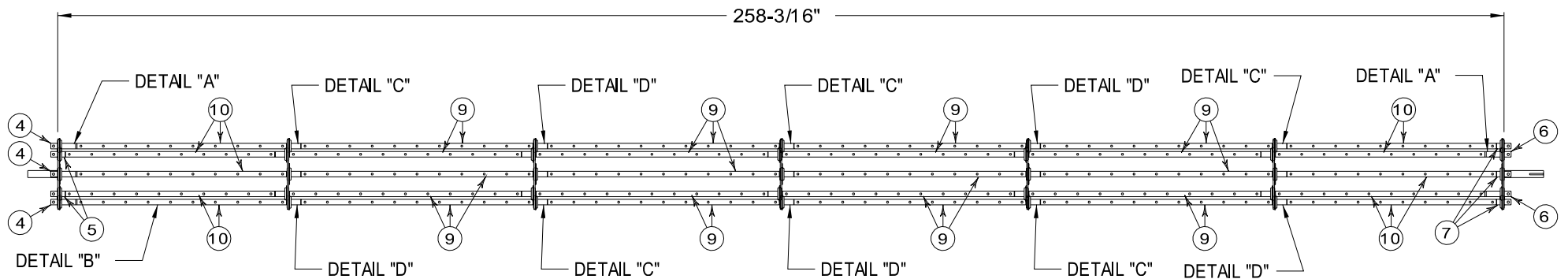


DETAIL "D"



L.H. END (NO KEY)

R.H. END (KEYED)



8 TUBE PICKUP HEAD ASSEMBLY (12 ROW 22) 2013-Present***Parts List***

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	512	Finger, with radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900867	32	Finger Rod 41 3/8" (11 holes)
10.	900866	16	Finger Rod 37 3/8" (10 holes)
11.	900857	40	Coupler, Finger Rod
12.	106013	56pr.	Flangette, 2-Hole
13.	102005	56	Bearing, 1" Insert (w/Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" lg.)
15.	103096	2	Cam Track (Universal)
16.	900878	1	Rotor Rod Mount (264 3/8")
17.	901448	1	Pickup Tube (with 7 Spiders) (258 3/16")
18.	901295	1	4" Roller (262 7/8")
19.	901296	1	Hex Roller (260 3/8")
20.	900861	7	8-Hole Spider
21.	901025	1	Rotor Rod Support Guide
22.	900769	1	Rotor Rod Support Bracket (weld on)
23.	900762	2	Rotor Rod Support Connection Plate
Not Shown	901449	1	Complete 8-Tube Pickup Head Assembly (258 3/16")

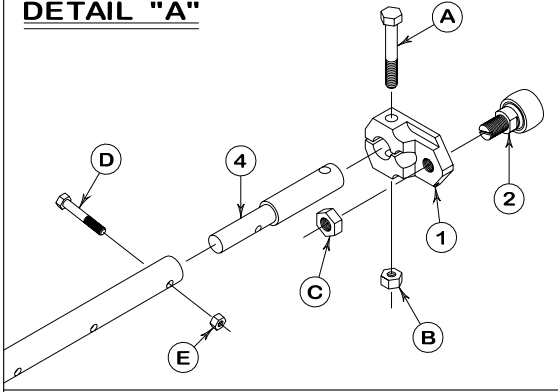
Roller Carriers

Not Shown	901450	1	1¼" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1¼" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

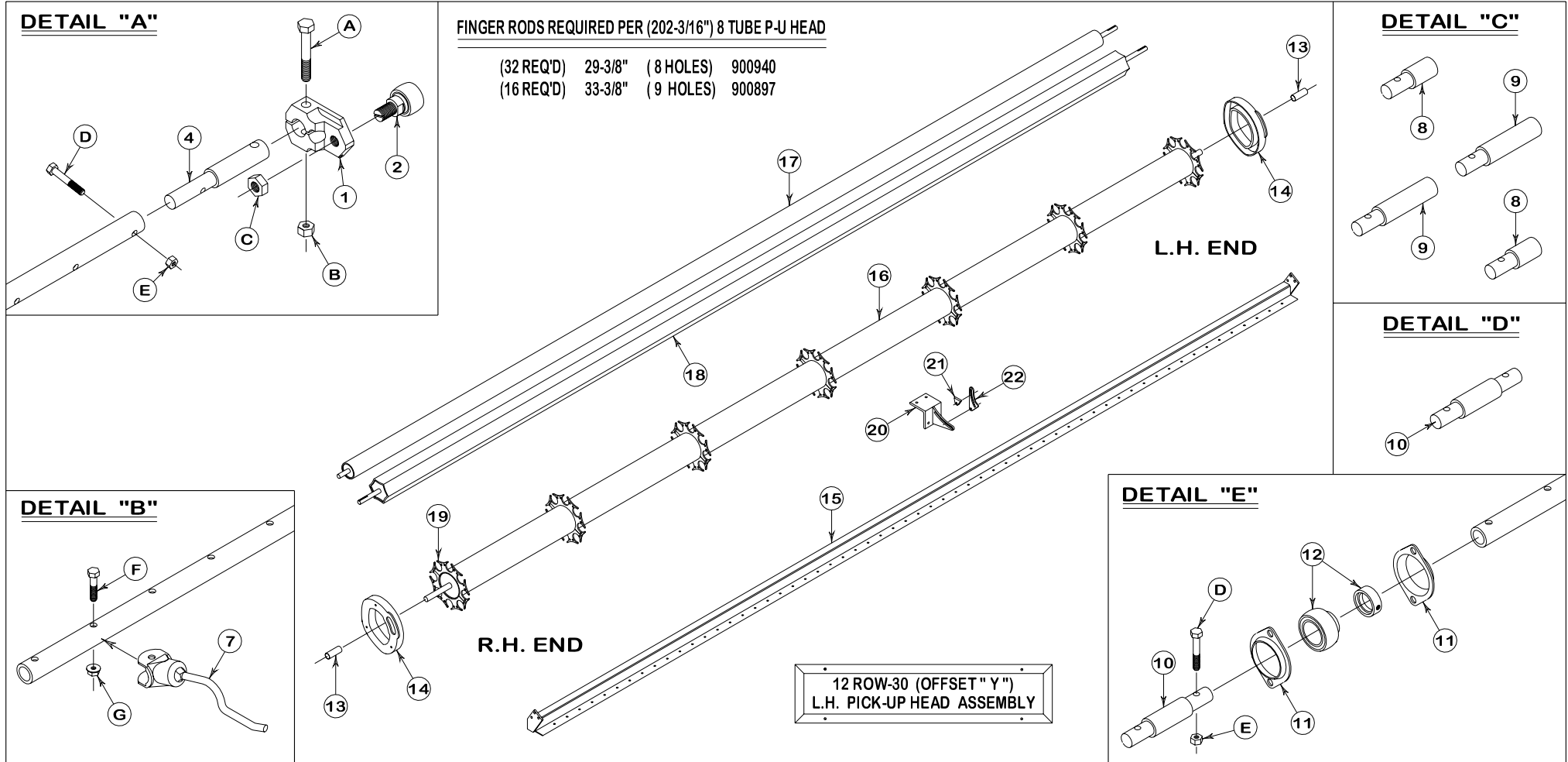
<u>Item No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		416	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		416	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

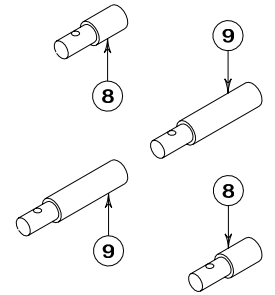


FINGER RODS REQUIRED PER (202-3/16") 8 TUBE P-U HEAD

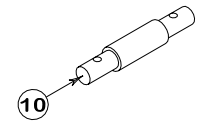
(32 REQ'D)	29-3/8"	(8 HOLES)	900940
(16 REQ'D)	33-3/8"	(9 HOLES)	900897



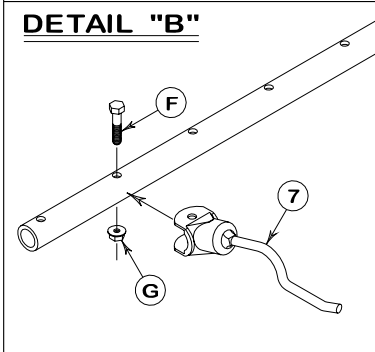
DETAIL "C"



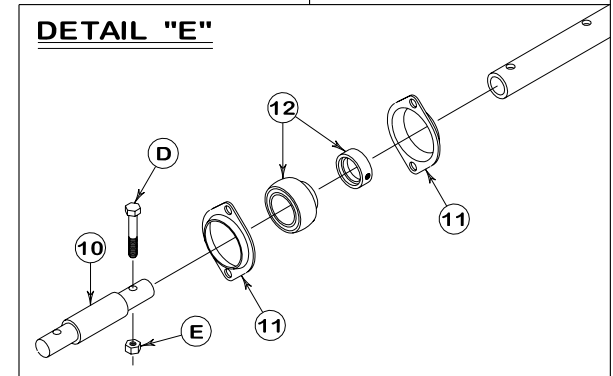
DETAIL "D"



DETAIL "B"

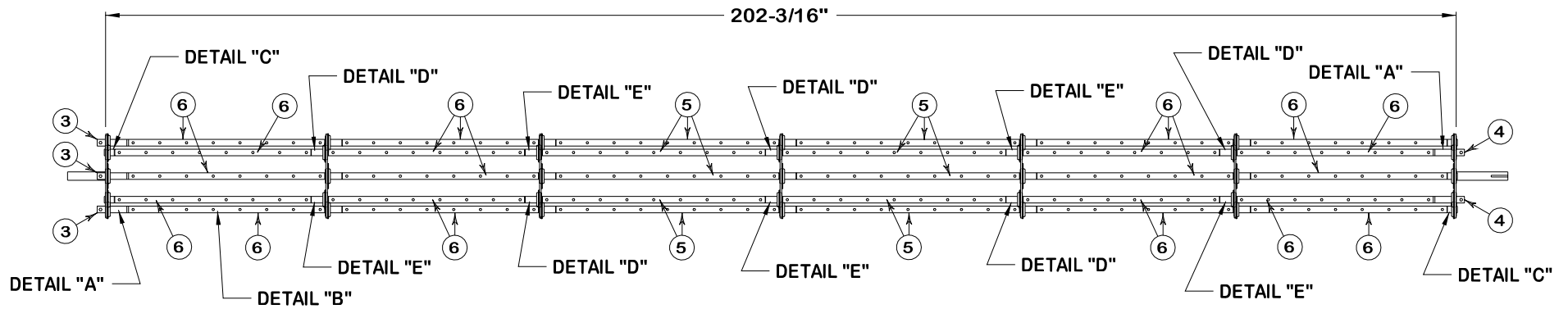


DETAIL "E"



R.H. END (NO KEY)

L.H. END (KEYED)



OFFSET "Y" L.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2005–2012**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119134	4	Shaft, R.H. Long Finger Offset
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	900897	16	Finger Rod 33 ³ / ₈ " (9 holes)
6.	900940	32	Finger Rod 29 ³ / ₈ " (8 holes)
7.	106036	400	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	40	Coupler, Finger Rod
11.	106013	56pr.	Flangette, 2-Hole
12.	102005	56	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 ²⁹ / ₃₂ " Lg.)
14.	103096	2	Cam Track (Universal)
15.	901628	1	L.H. Rotor Rod Mount (208 ³ / ₈ "
16.	901607	1	L.H. Pickup Tube (with 7 Spiders) (202 ³ / ₁₆ "
17.	901613	1	L.H. 4" Roller (206")
18.	901611	1	L.H. Hex Roller (204")
19.	900861	7	8-Hole Spider
20.	901025	1	Rotor Rod Support Guide (optional on this model)
21.	900769	1	Rotor Rod Support Bracket (weld-on) (optional on this model)
22.	900762	1	Rotor Rod Support Connection Plate (optional on this model)
Not Shown	901605	1	L.H. Complete 8-Tube Pickup Head Assembly (202 ³ / ₁₆ "

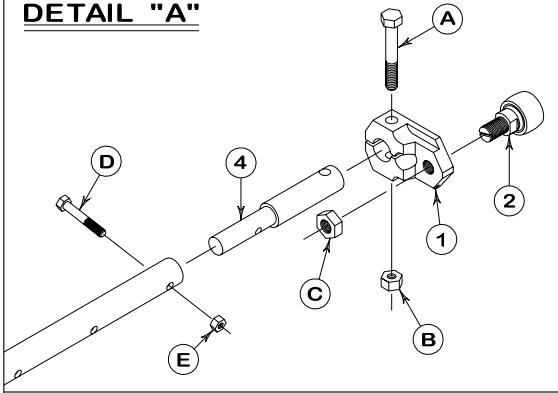
Roller Carriers

Not Shown	901450	1	1 ¹ / ₄ " Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 ¹ / ₄ " Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 ³ / ₄ " keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 ¹ / ₂ " keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7 ¹ / ₁₆ " × 3" NC Hex Bolt–Grade 8
B.		8	7 ¹ / ₁₆ " NC Nylon Hex Nut
C.		8	5 ⁸ / ₈ " NF Jam Nut
D.	106051	96	5 ¹ / ₁₆ " × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	96	5 ¹ / ₁₆ " NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		304	5 ¹ / ₁₆ " × 1 ¹ / ₂ " NC Hex Bolt–Grade 5 (use on fingers only)
G.		304	5 ¹ / ₁₆ " NC Whiz Nut (use on fingers only)

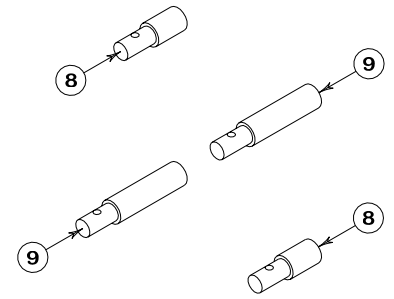
DETAIL "A"



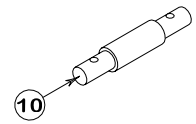
FINGER RODS REQUIRED PER (140-3/16") 8 TUBE P-U HEAD

(20 REQ'D)	33-3/8"	(9 HOLES)	900897
(12 REQ'D)	29-3/8"	(8 HOLES)	900940

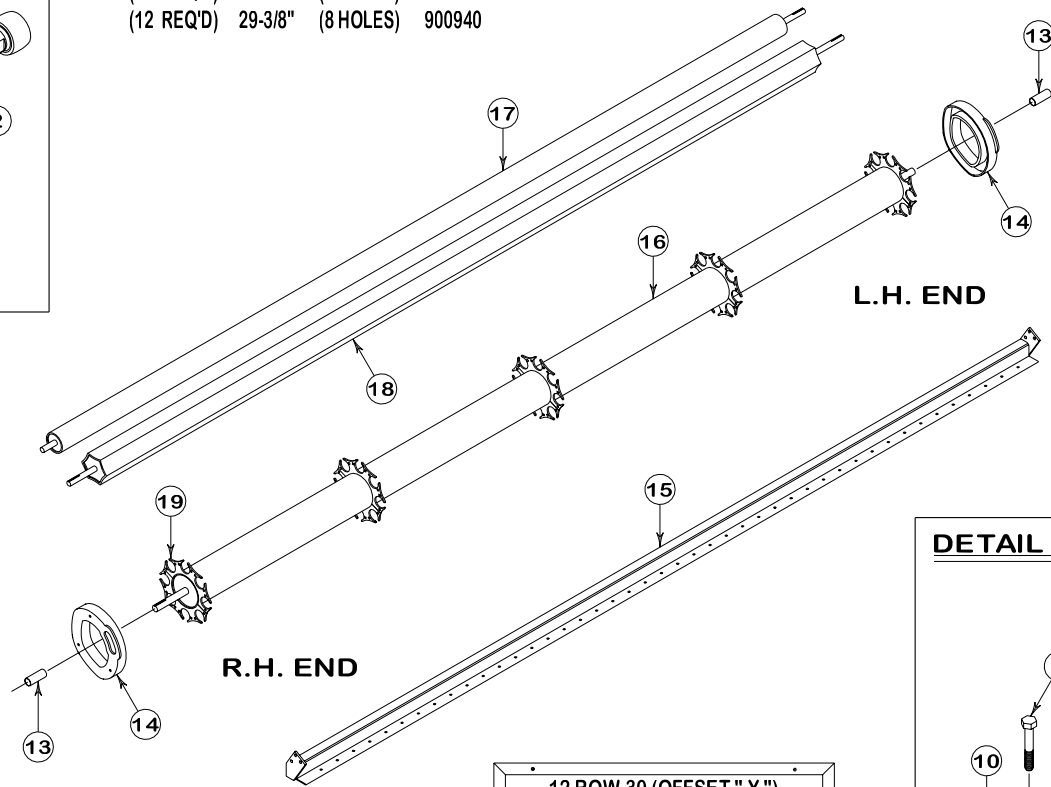
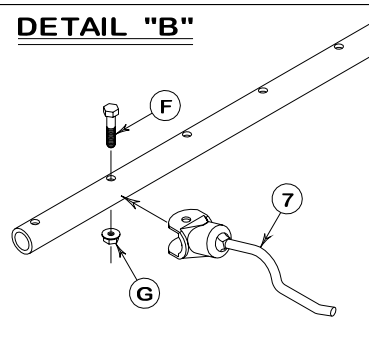
DETAIL "C"



DETAIL "D"

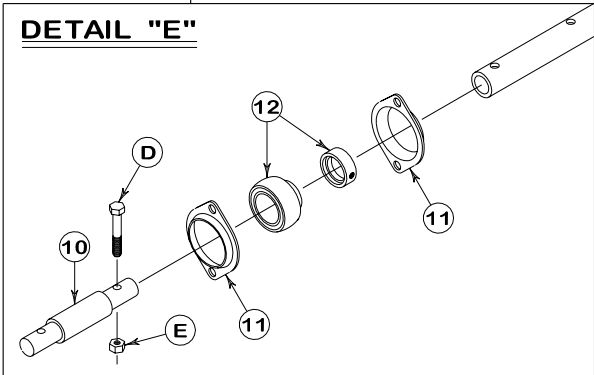


DETAIL "B"



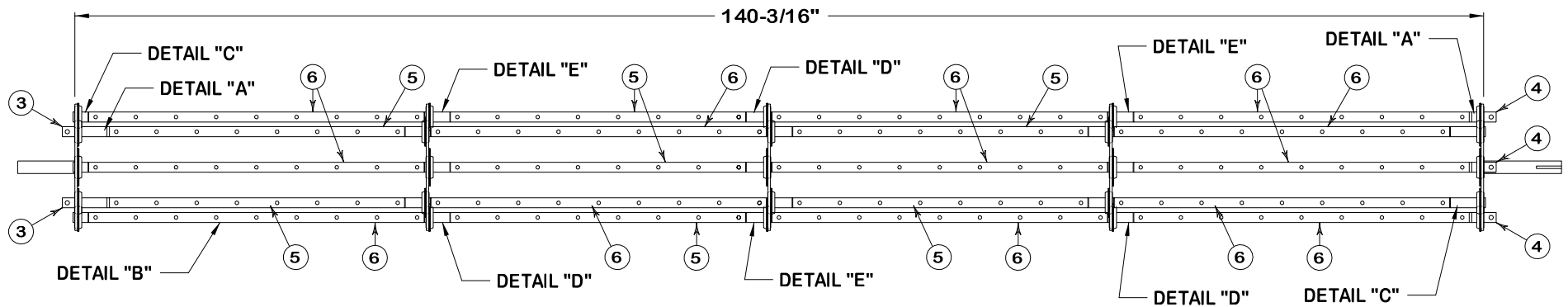
12 ROW-30 (OFFSET "Y")
R.H. PICK-UP HEAD ASSEMBLY

DETAIL "E"



L.H. END (NO KEY)

R.H. END (KEYED)



OFFSET "Y" R.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2005-2012**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119136	4	Shaft, R.H. Short Finger Offset
5.	900940	12	Finger Rod 29 3/8" (8 holes)
6.	900897	20	Finger Rod 33 3/8" (9 holes)
7.	106036	276	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	4	End Spider Stub Shaft (short)
9.	901420	4	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
14.	103096	2	Cam Track (Universal)
15.	901625	1	R.H. Rotor Rod Mount (146 3/8")
16.	901606	1	R.H. Pickup Tube (with 5 Spiders) (140 3/16")
17.	901612	1	R.H. 4" Roller (144")
18.	901610	1	R.H. Hex Roller (142")
19.	900861	5	8-Hole Spider
Not Shown	901600	1	R.H. Complete 8-Tube Pickup Head Assembly (140 3/16")

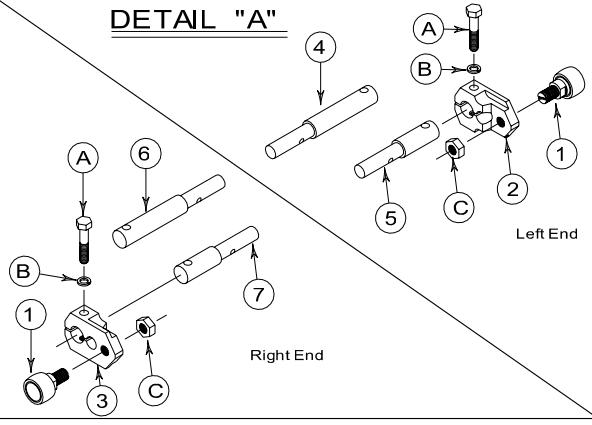
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

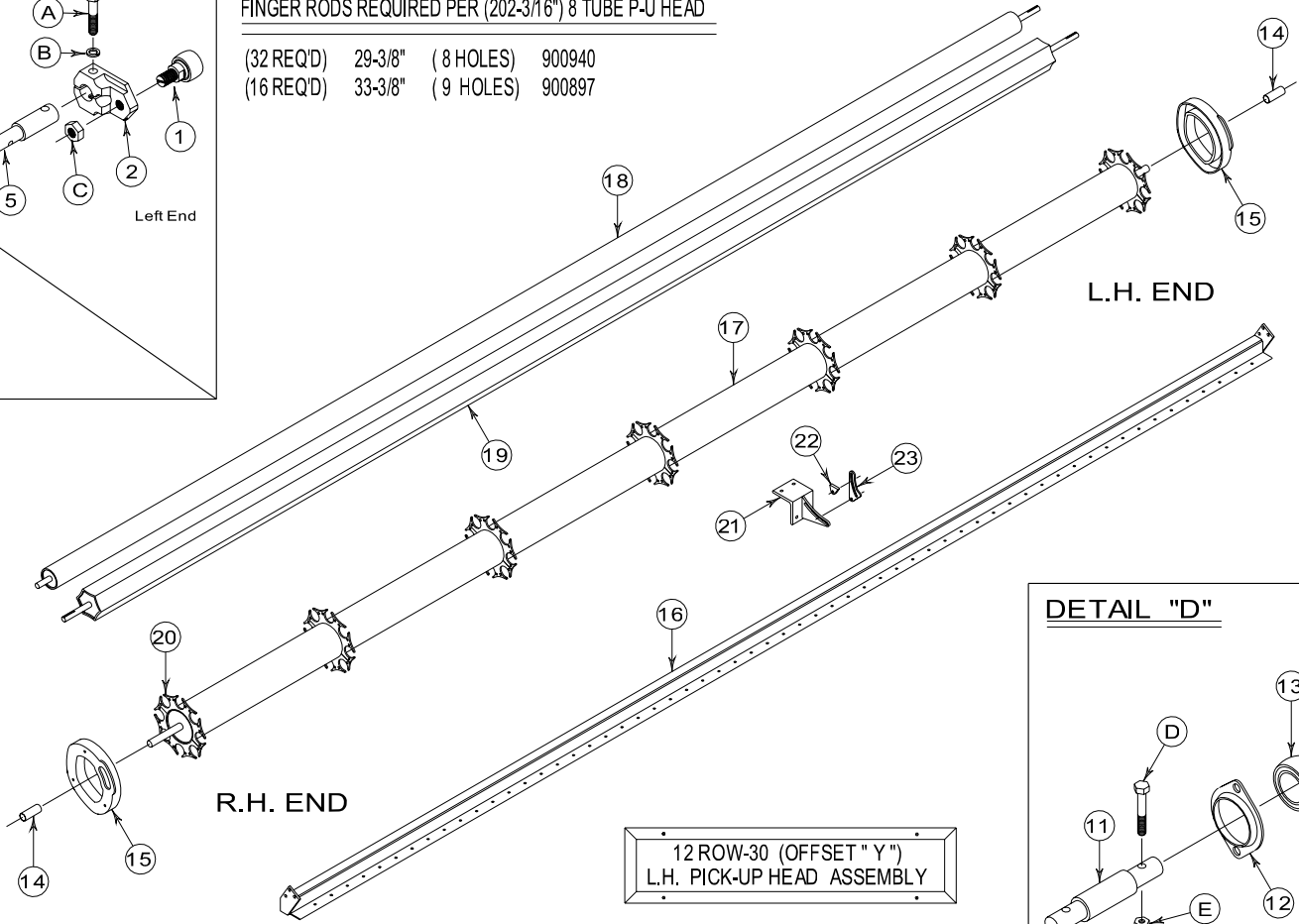
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" × 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		212	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		212	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

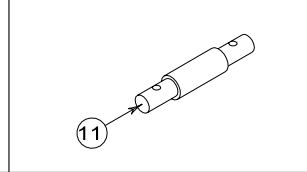


FINGER RODS REQUIRED PER (202-3/16") 8 TUBE P-U HEAD

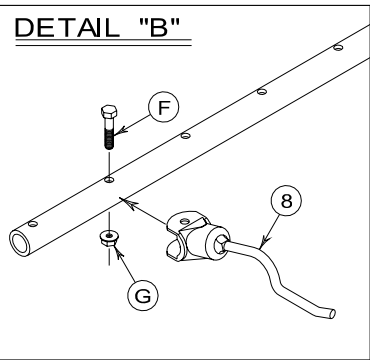
(32 REQ'D)	29-3/8"	(8 HOLES)	900940
(16 REQ'D)	33-3/8"	(9 HOLES)	900897



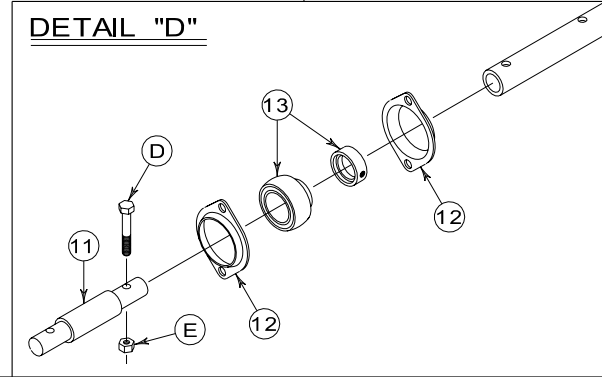
DETAIL "C"



DETAIL "B"



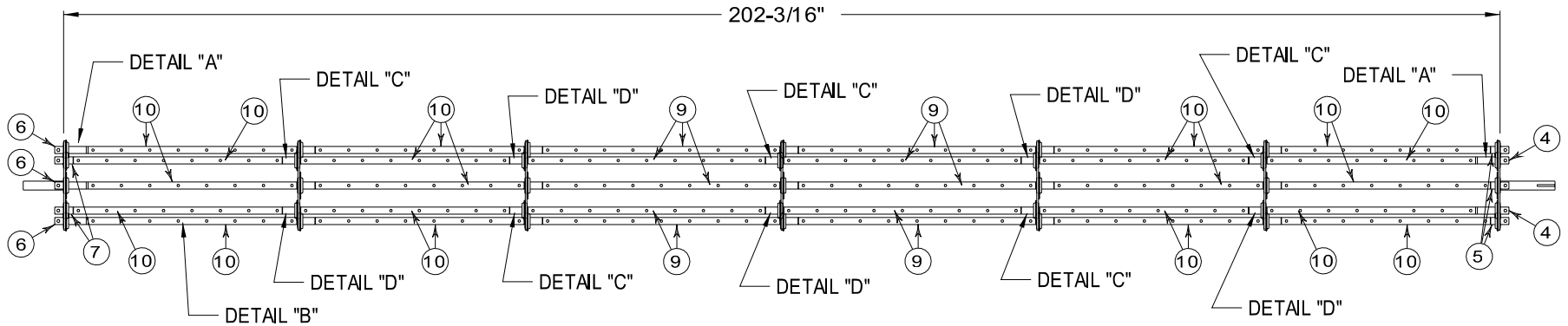
DETAIL "D"



12 ROW-30 (OFFSET "Y")
L.H. PICK-UP HEAD ASSEMBLY

R.H. END (NO KEY)

L.H. END (KEYED)



OFFSET "Y" L.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2013-Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	400	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900897	16	Finger Rod 33 3/8" (9 holes)
10.	900940	32	Finger Rod 29 3/8" (8 holes)
11.	900857	40	Coupler, Finger Rod
12.	106013	56pr.	Flangette, 2-Hole
13.	102005	56	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
15.	103096	2	Cam Track (Universal)
16.	901628	1	L.H. Rotor Rod Mount (208 3/8")
17.	901607	1	L.H. Pickup Tube (with 7 Spiders) (202 3/16")
18.	901613	1	L.H. 4" Roller (206")
19.	901611	1	L.H. Hex Roller (204")
20.	900861	7	8-Hole Spider
21.	901025	1	Rotor Rod Support Guide (optional on this model)
22.	900769	1	Rotor Rod Support Bracket (weld-on) (optional on this model)
23.	900762	2	Rotor Rod Support Connection Plate (optional on this model)
Not Shown	901605	1	L.H. Complete 8-Tube Pickup Head Assembly (202 3/16")

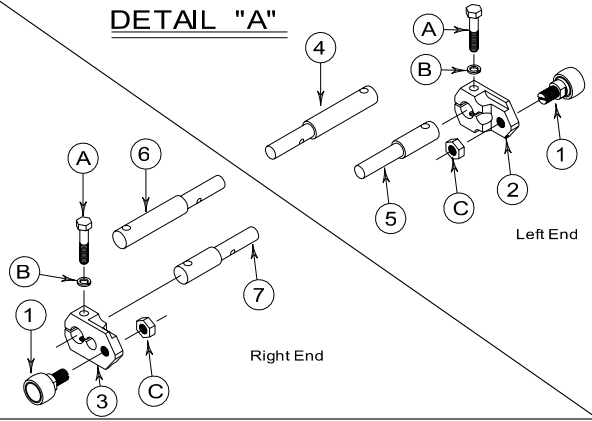
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

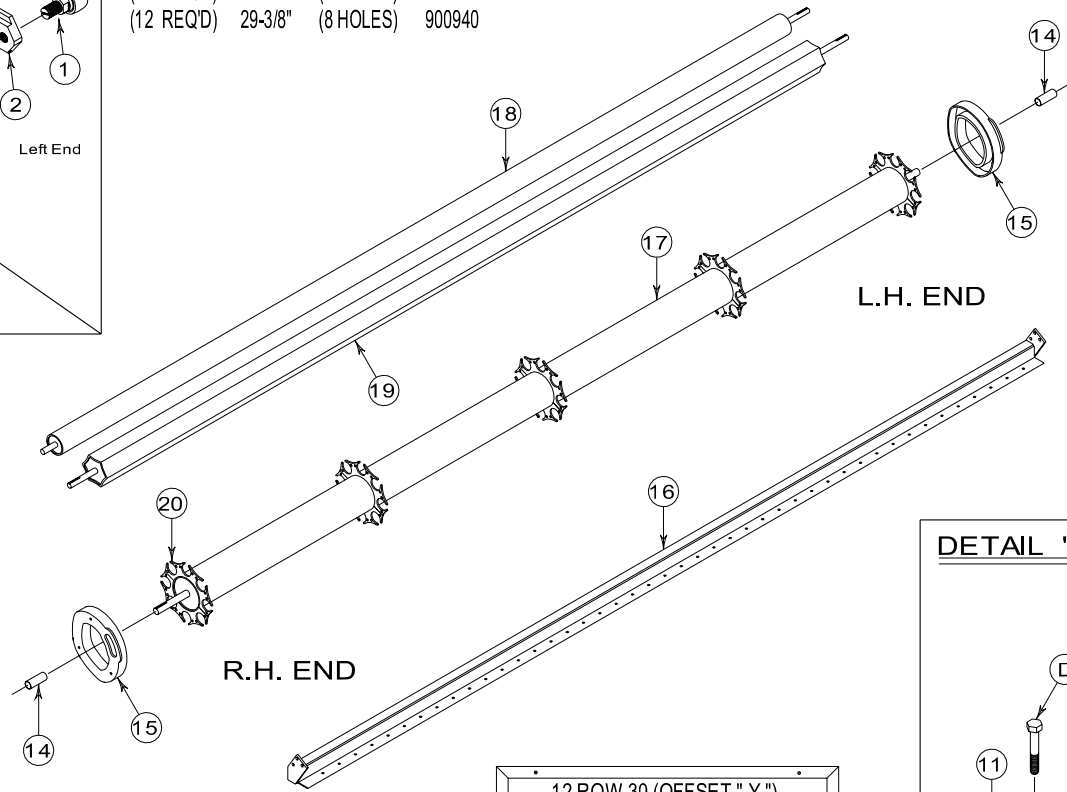
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt—Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	96	5/16" × 2" NF Hex Bolt—Grade 9 (sold as a set with nut)
E.	106051	96	5/16" NF Stover Nut—Grade 9 (sold as a set with bolt)
F.		304	5/16" × 1 1/2" NC Hex Bolt—Grade 5 (use on fingers only)
G.		304	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

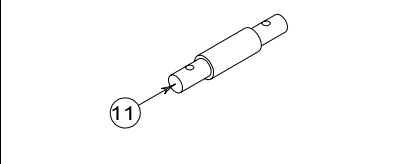


FINGER RODS REQUIRED PER (140-3/16") 8 TUBE P-J HEAD

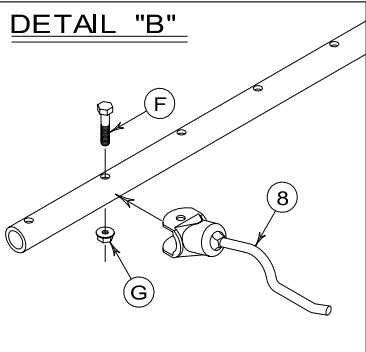
(20 REQD)	33-3/8"	(9 HOLES)	900897
(12 REQD)	29-3/8"	(8 HOLES)	900940



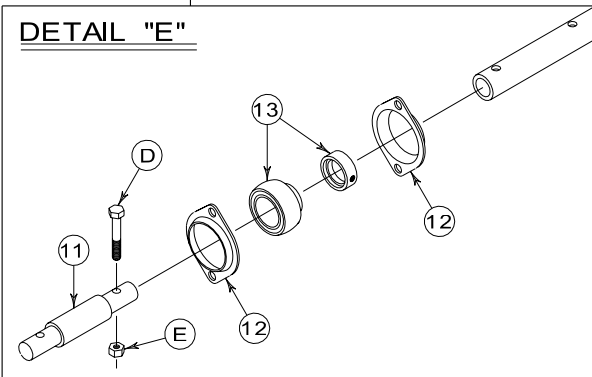
DETAIL "D"



DETAIL "B"



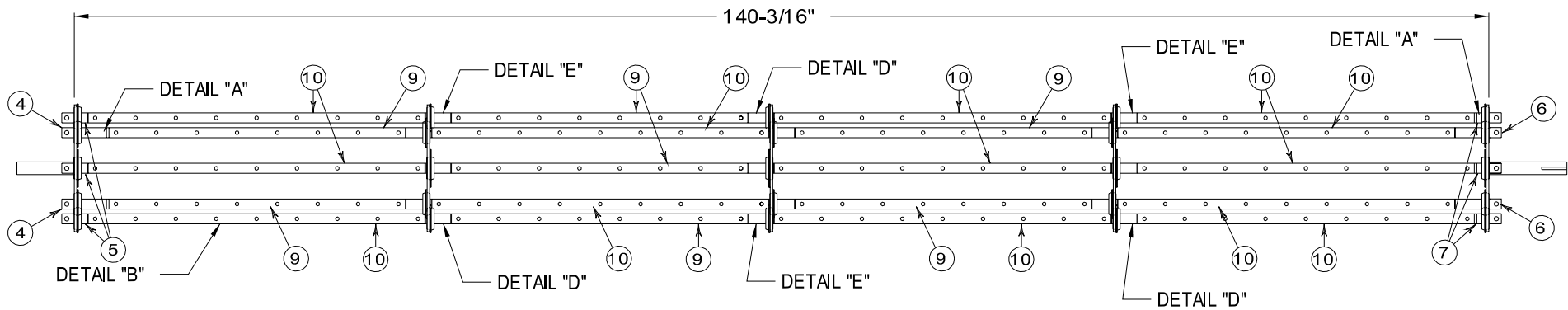
DETAIL "E"



12 ROW-30 (OFFSET "Y")
R.H. PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)



OFFSET "Y" R.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2013-Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	276	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900940	12	Finger Rod 29 3/8" (8 holes)
10.	900897	20	Finger Rod 33 3/8" (9 holes)
11.	900857	24	Coupler, Finger Rod
12.	106013	40pr.	Flangette, 2-Hole
13.	102005	40	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
15.	103096	2	Cam Track (Universal)
16.	901625	1	R.H. Rotor Rod Mount (146 3/8")
17.	901606	1	R.H. Pickup Tube (with 5 Spiders) (140 3/16")
18.	901612	1	R.H. 4" Roller (144")
19.	901610	1	R.H. Hex Roller (142")
20.	900861	5	8-Hole Spider
Not Shown	901600	1	R.H. Complete 8-Tube Pickup Head Assembly (140 3/16")

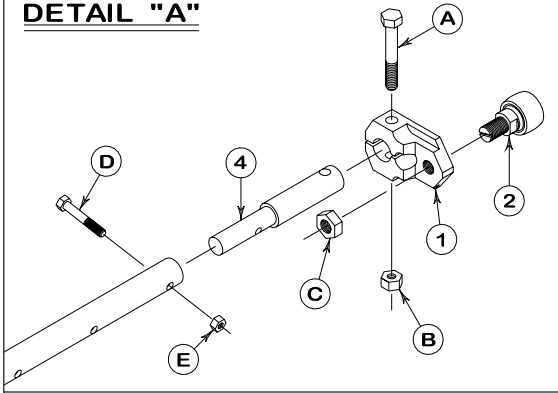
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" × 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	64	5/16" × 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		212	5/16" × 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		212	5/16" NC Whiz Nut (use on fingers only)

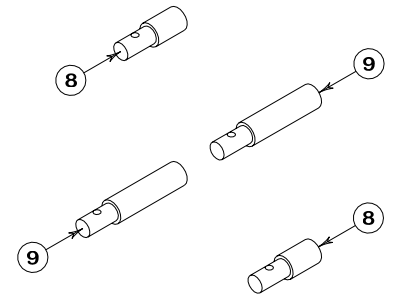
DETAIL "A"



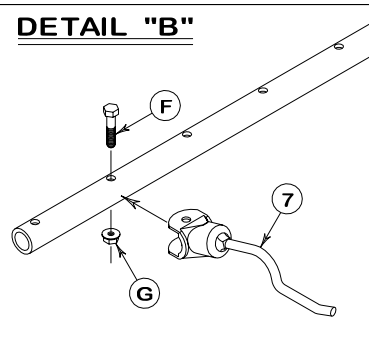
FINGER RODS REQUIRED PER (172-3/16") 8 TUBE P-U HEAD

(20 REQ'D) 41-3/8" (11 HOLES) 900867
 (12 REQ'D) 37-3/8" (10 HOLES) 900866

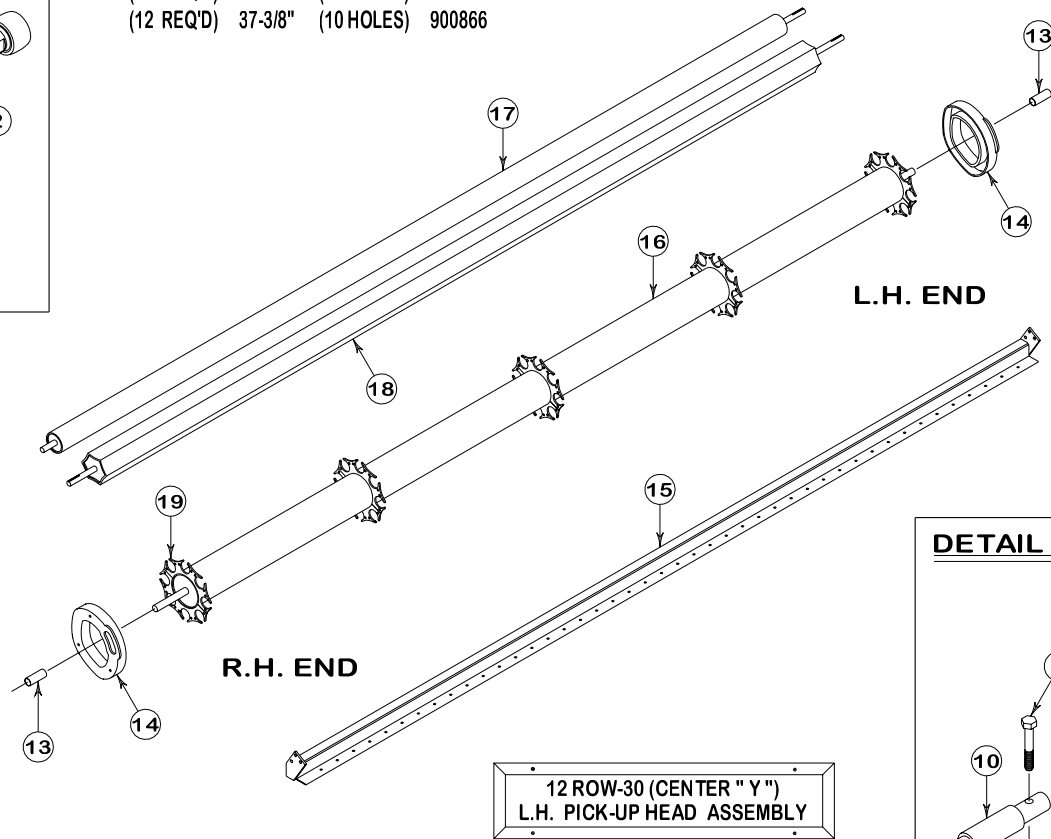
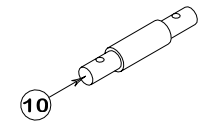
DETAIL "C"



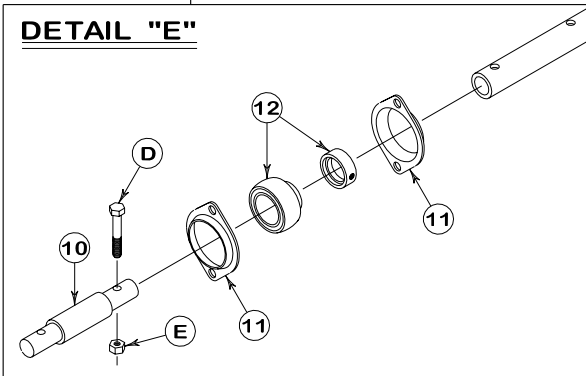
DETAIL "B"



DETAIL "D"

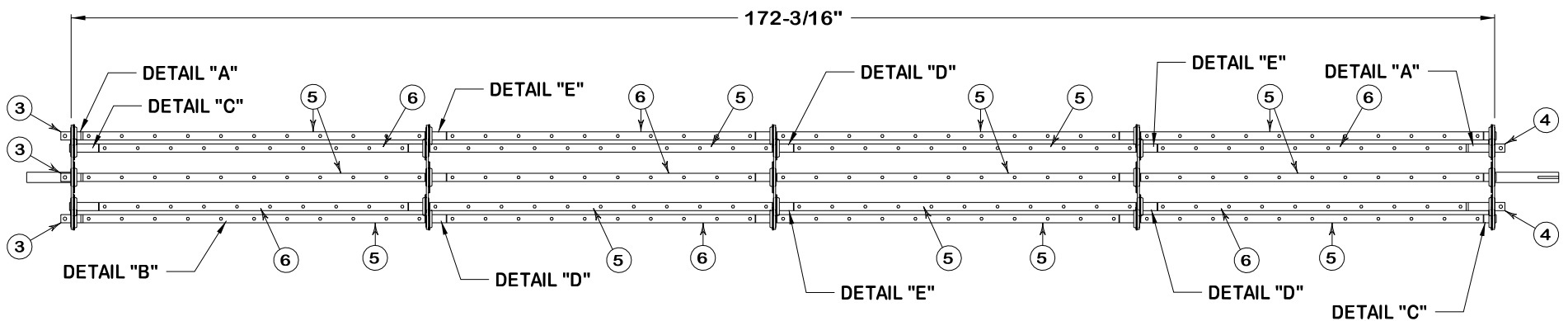


DETAIL "E"



R.H. END (NO KEY)

L.H. END (KEYED)



CENTER "Y" L.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2005-2012**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119136	4	Shaft, R.H. Short Finger Offset
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	900867	20	Finger Rod 41 3/8" (11 holes)
6.	900866	12	Finger Rod 37 3/8" (10 holes)
7.	106036	340	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	4	End Spider Stub Shaft (short)
9.	901420	4	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
14.	103096	2	Cam Track (Universal)
15.	901698	1	L.H. Rotor Rod Mount (178 3/8")
16.	901683	1	L.H. Pickup Tube (with 5 Spiders) (172 3/16")
17.	901688	1	L.H. 4" Roller (176")
18.	901692	1	L.H. Hex Roller (174")
19.	900861	5	8-Hole Spider
Not Shown	901684	1	L.H. Complete 8-Tube Pickup Head Assembly (172 3/16")

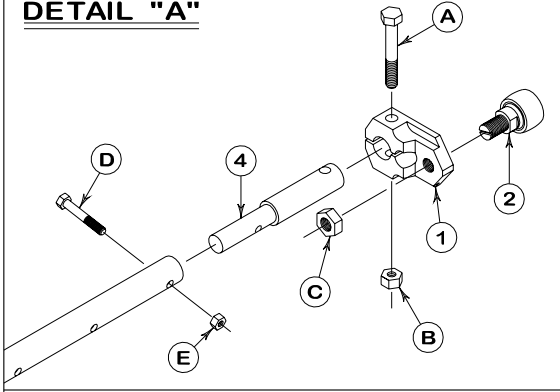
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

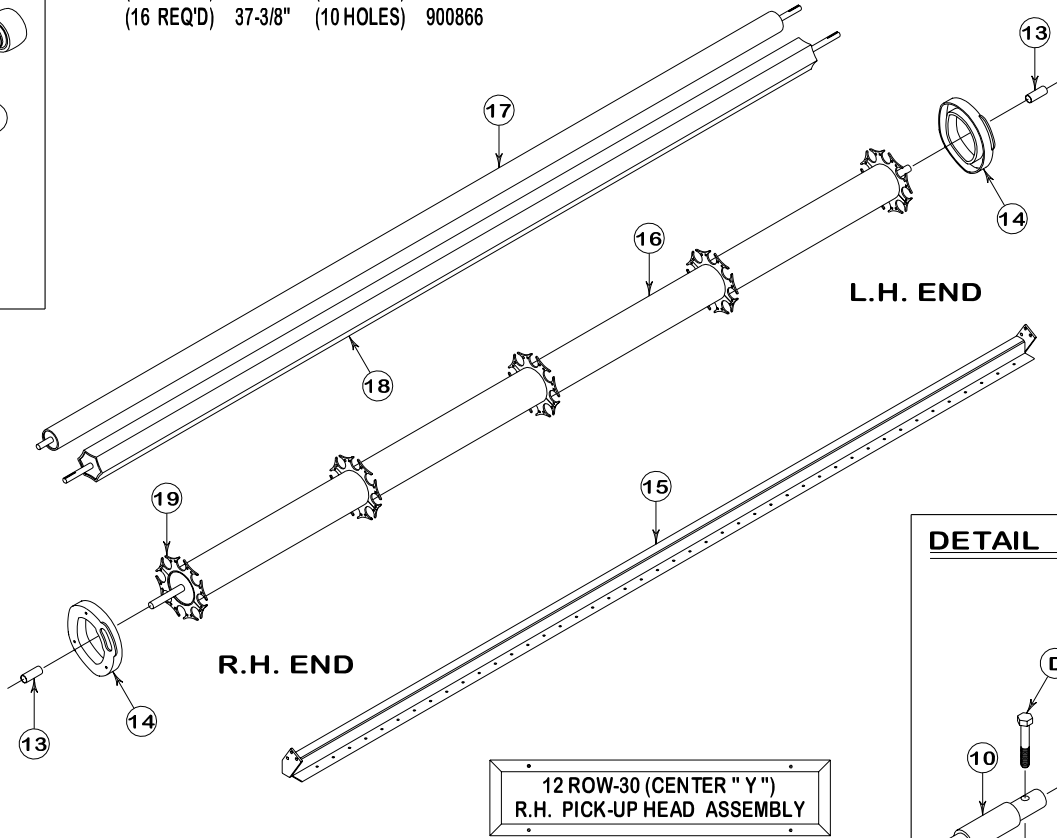
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" x 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" x 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		276	5/16" x 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		276	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

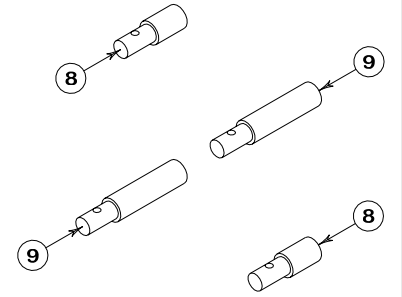


FINGER RODS REQUIRED PER (170-3/16") 8 TUBE P-U HEAD

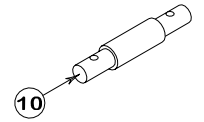
(16 REQ'D) 41-3/8" (11 HOLES) 900867
 (16 REQ'D) 37-3/8" (10 HOLES) 900866



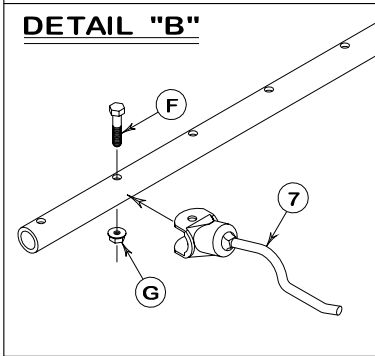
DETAIL "C"



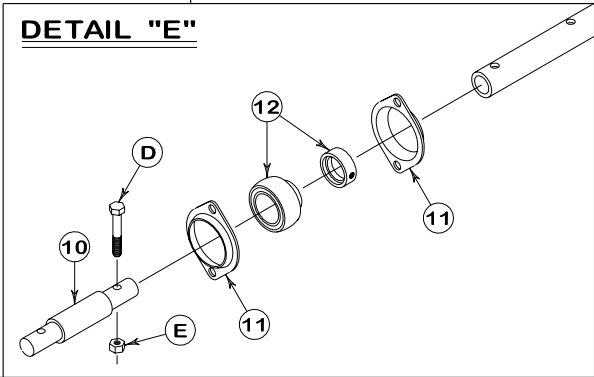
DETAIL "D"



DETAIL "B"



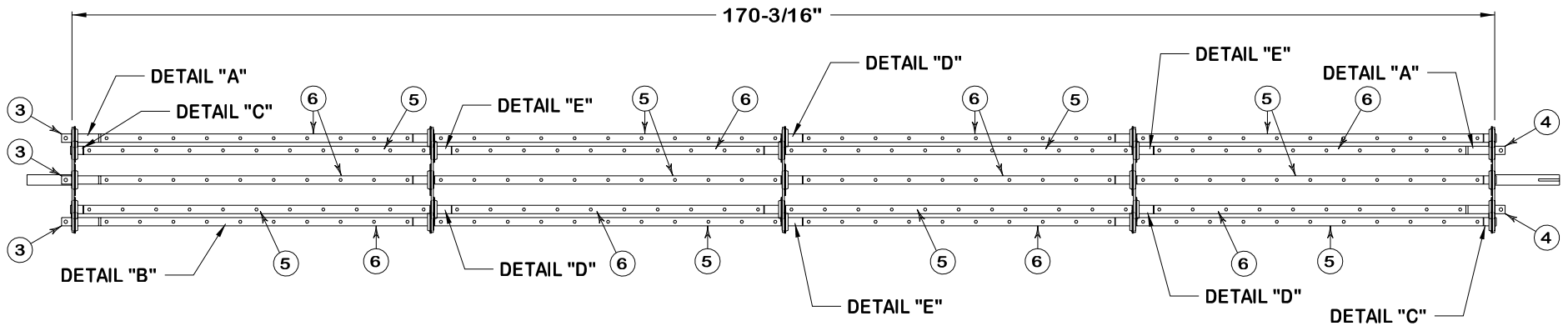
DETAIL "E"



12 ROW-30 (CENTER "Y")
 R.H. PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)



CENTER "Y" R.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2005-2012**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	103095	8	Cam Arm (Universal)
2.	102015	8	Bearing, Cam Arm
3.	119135	4	Shaft, L.H. Long Finger Offset
4.	119134	4	Shaft, R.H. Long Finger Offset
5.	900867	16	Finger Rod 41 3/8" (11 holes)
6.	900866	16	Finger Rod 37 3/8" (10 holes)
7.	106036	336	Finger, with Radius (8-Tube Pickup Head)
7a.	106052	0	Finger, Soft (Optional)
8.	901412	8	End Spider Stub Shaft (short)
9.	901420	0	End Spider Stub Shaft (long)
10.	900857	24	Coupler, Finger Rod
11.	106013	40pr.	Flangette, 2-Hole
12.	102005	40	Bearing, 1" Insert (with Lock Collar)
13.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
14.	103096	2	Cam Track (Universal)
15.	901695	1	R.H. Rotor Rod Mount (176 3/8")
16.	901681	1	R.H. Pickup Tube (with 5 Spiders) (170 3/16")
17.	901685	1	R.H. 4" Roller (174")
18.	901690	1	R.H. Hex Roller (172")
19.	900861	5	8-Hole Spider
Not Shown	901680	1	R.H. Complete 8-Tube Pickup Head Assembly (170 3/16")

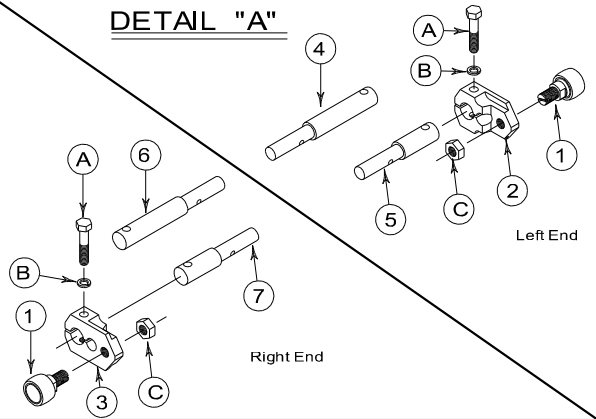
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2" keyway)

Hardware List

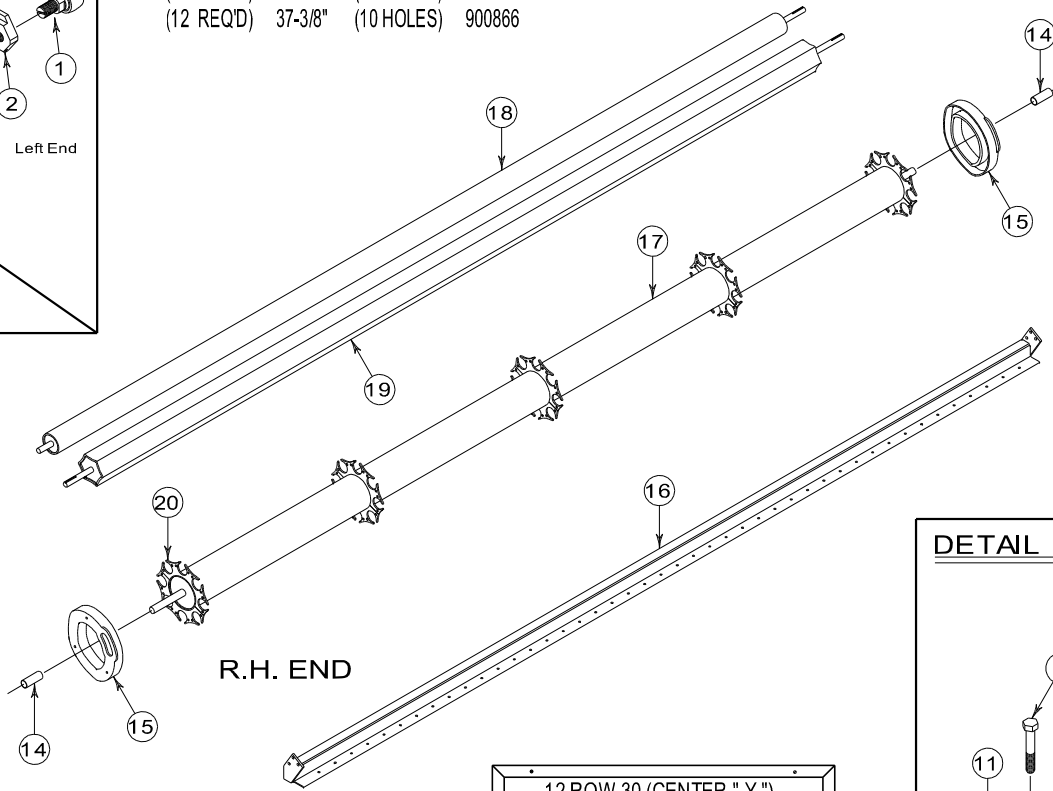
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		8	7/16" x 3" NC Hex Bolt–Grade 8
B.		8	7/16" NC Nylon Hex Nut
C.		8	5/8" NF Jam Nut
D.	106051	64	5/16" x 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		272	5/16" x 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		272	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"



FINGER RODS REQUIRED PER (172-3/16") 8 TUBE P-J HEAD

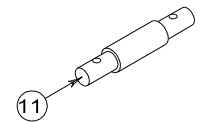
(20 REQ'D)	41-3/8"	(11 HOLES)	900867
(12 REQ'D)	37-3/8"	(10 HOLES)	900866



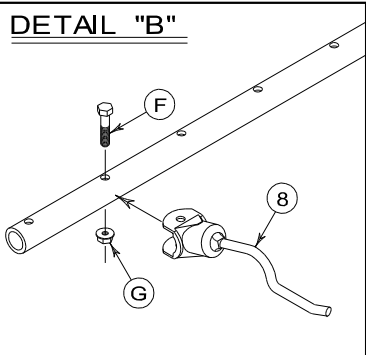
L.H. END

R.H. END

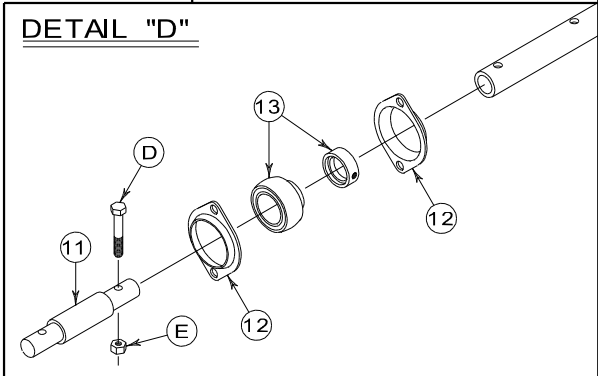
DETAIL "C"



DETAIL "B"



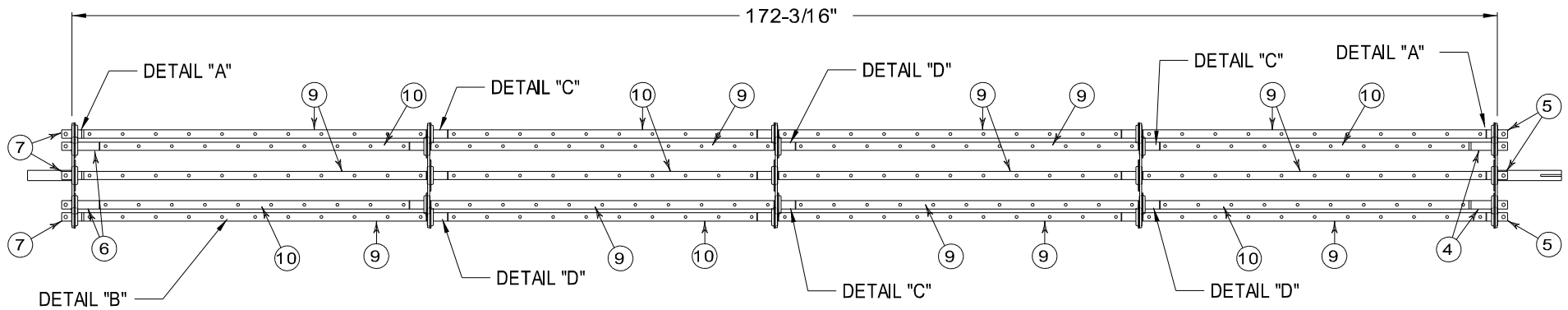
DETAIL "D"



12 ROW-30 (CENTER "Y")
L.H. PICK-UP HEAD ASSEMBLY

R.H. END (NO KEY)

L.H. END (KEYED)



CENTER "Y" L.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2013-Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	340	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900867	20	Finger Rod 41 3/8" (11 holes)
10.	900866	12	Finger Rod 37 3/8" (10 holes)
11.	900857	24	Coupler, Finger Rod
12.	106013	40pr.	Flangette, 2-Hole
13.	102005	40	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
15.	103096	2	Cam Track (Universal)
16.	901698	1	L.H. Rotor Rod Mount (178 3/8")
17.	901683	1	L.H. Pickup Tube (with 5 Spiders) (172 3/16")
18.	901688	1	L.H. 4" Roller (176")
19.	901692	1	L.H. Hex Roller (174")
20.	900861	5	8-Hole Spider
Not Shown	901684	1	L.H. Complete 8-Tube Pickup Head Assembly (172 3/16")

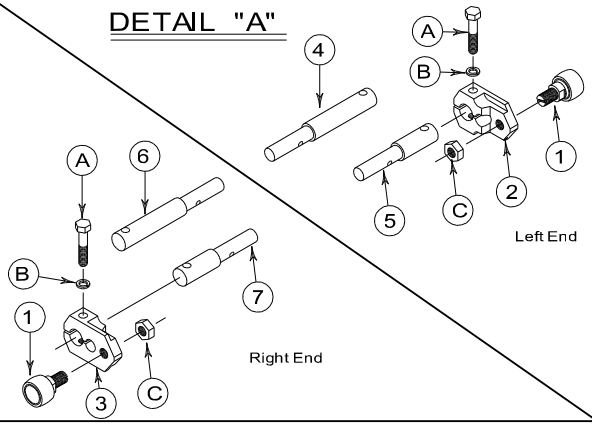
Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2 1/2" keyway)

Hardware List

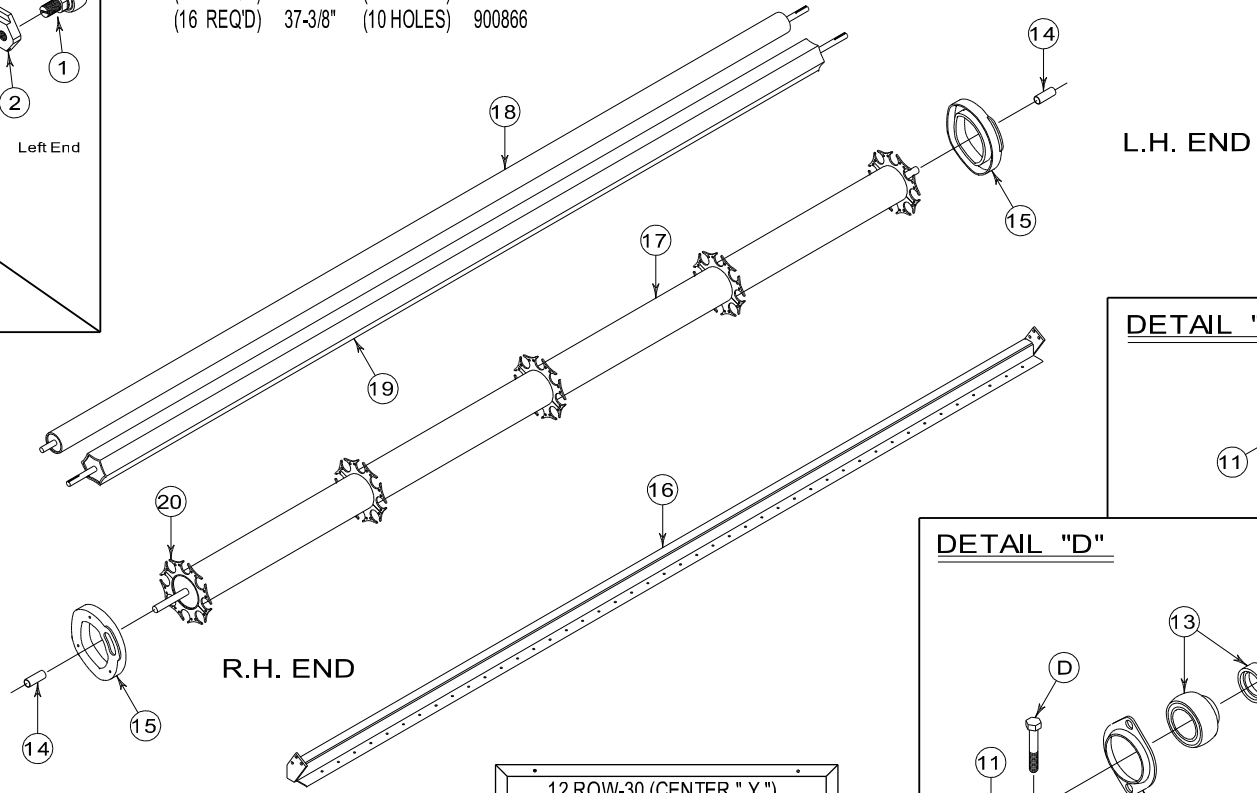
<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" x 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	64	5/16" x 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		276	5/16" x 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		276	5/16" NC Whiz Nut (use on fingers only)

DETAIL "A"

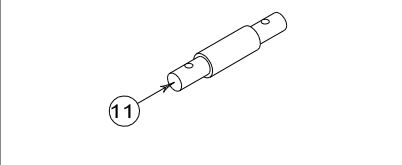


FINGER RODS REQUIRED PER (170-3/16") 8 TUBE P-J HEAD

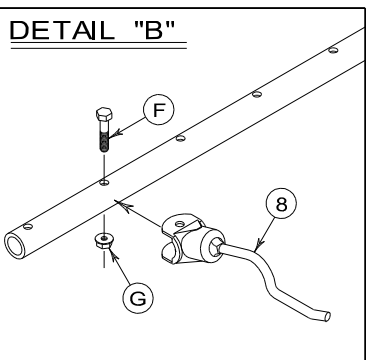
(16 REQ'D)	41-3/8"	(11 HOLES)	900867
(16 REQ'D)	37-3/8"	(10 HOLES)	900866



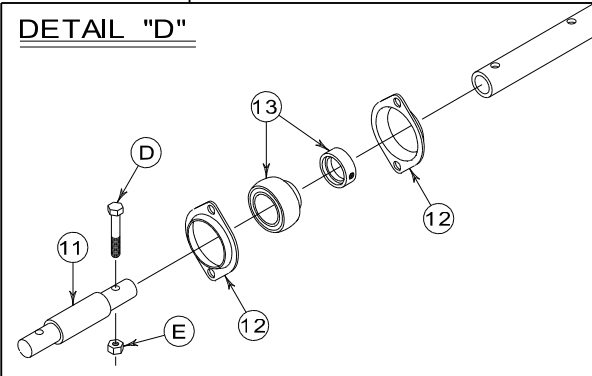
DETAIL "C"



DETAIL "B"



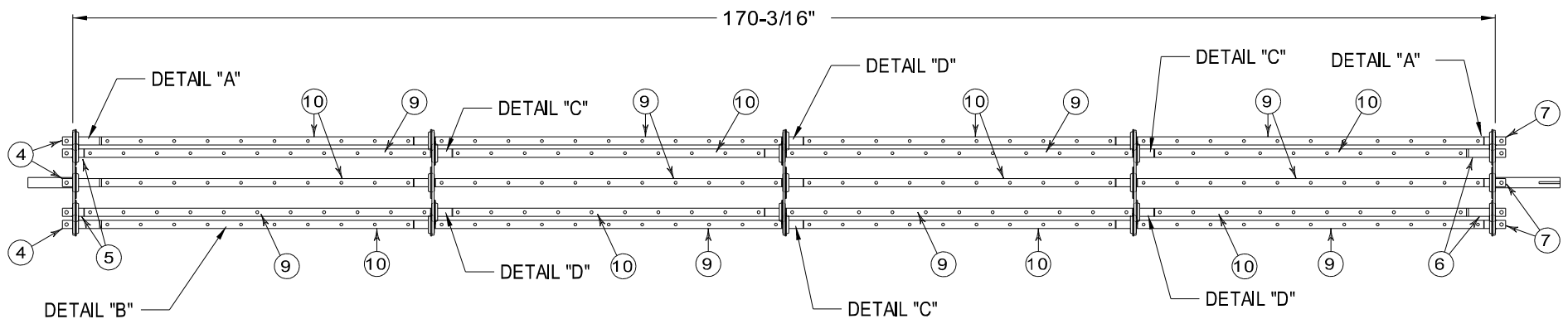
DETAIL "D"



12 ROW-30 (CENTER "Y")
R.H. PICK-UP HEAD ASSEMBLY

L.H. END (NO KEY)

R.H. END (KEYED)



CENTER "Y" R.H. PICKUP HEAD ASSEMBLY (12 ROW-30) 2013-Present**Parts List**

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
1.	102015	16	Bearing, Cam Arm
2.	103095-LH	8	Cam Arm (Threaded)
3.	103095-RH	8	Cam Arm (Threaded)
4.	119135	4	Shaft, L.H. Long Finger Offset
5.	119137	4	Shaft, L.H. Short Finger Offset
6.	119134	4	Shaft, R.H. Long Finger Offset
7.	119136	4	Shaft, R.H. Short Finger Offset
8.	106036	336	Finger, with Radius (8-Tube Pickup Head)
8a.	106052	0	Finger, Soft (Optional)
9.	900867	16	Finger Rod 41 3/8" (11 holes)
10.	900866	16	Finger Rod 37 3/8" (10 holes)
11.	900857	24	Coupler, Finger Rod
12.	106013	40pr.	Flangette, 2-Hole
13.	102005	40	Bearing, 1" Insert (with Lock Collar)
14.	901484	2	Spacer, Pickup Head (3 29/32" Lg.)
15.	103096	2	Cam Track (Universal)
16.	901695	1	R.H. Rotor Rod Mount (176 3/8")
17.	901681	1	R.H. Pickup Tube (with 5 Spiders) (170 3/16")
18.	901685	1	R.H. 4" Roller (174")
19.	901690	1	R.H. Hex Roller (172")
20.	900861	5	8-Hole Spider
Not Shown	901680	1	R.H. Complete 8-Tube Pickup Head Assembly (170 3/16")

Roller Carriers

Not Shown	901450	1	1 1/4" Pickup Head Carrier (Drive-end keyed)
Not Shown	901451	1	1 1/4" Pickup Head Carrier (Idler-end no key)
Not Shown	900058	1	4" Roller Carrier (Drive-end keyed)
Not Shown	900059	1	4" Roller Carrier (Idler-end no key)
Not Shown	900062	1	Hex Roller Carrier (R.H. end 4 3/4" keyway)
Not Shown	900063	1	Hex Roller Carrier (L.H. end 2" keyway)

Hardware List

<u>Item No.</u>	<u>Part No.</u>	<u>Qty</u>	<u>Description</u>
A.		16	7/16" x 2 1/4" NF Hex Bolt–Grade 8
B.		16	7/16" Lock Washer
C.		16	5/8" NF Jam Nut
D.	106051	64	5/16" x 2" NF Hex Bolt–Grade 9 (sold as a set with nut)
E.	106051	64	5/16" NF Stover Nut–Grade 9 (sold as a set with bolt)
F.		272	5/16" x 1 1/2" NC Hex Bolt–Grade 5 (use on fingers only)
G.		272	5/16" NC Whiz Nut (use on fingers only)