

LMC

Lewis M. Carter, Mfg.

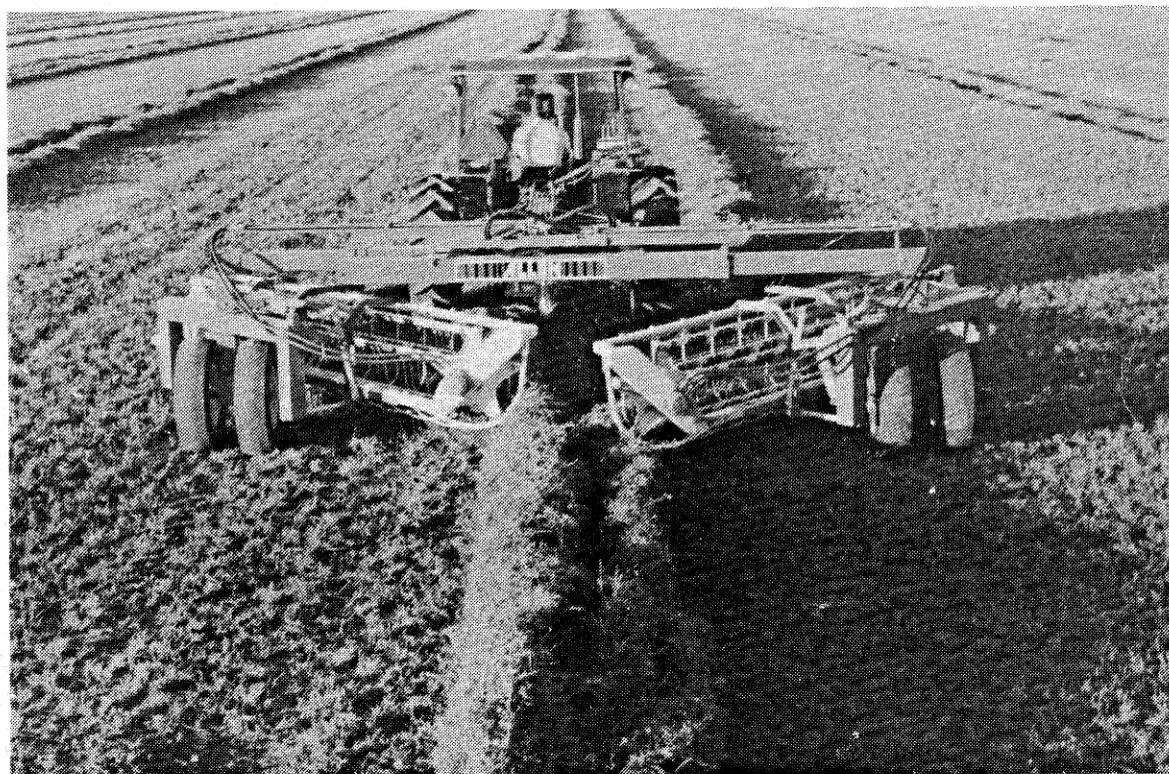
ALLEN 8827 BASKET RAKE

QUALITY

SINCE 1954

SERVICE

"BUILT TO LAST EQUIPMENT"



8827 BASKET RAKE

PARTS MANUAL / 1992

PLEASE PLACE ALL ORDERS FOR PARTS AND WHOLE GOODS
THROUGH OUR NEVADA WAREHOUSE PHONE: 888-459-9615

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MODEL 8827 TWIN
MAIN FRAME
(3 and 5 Function)

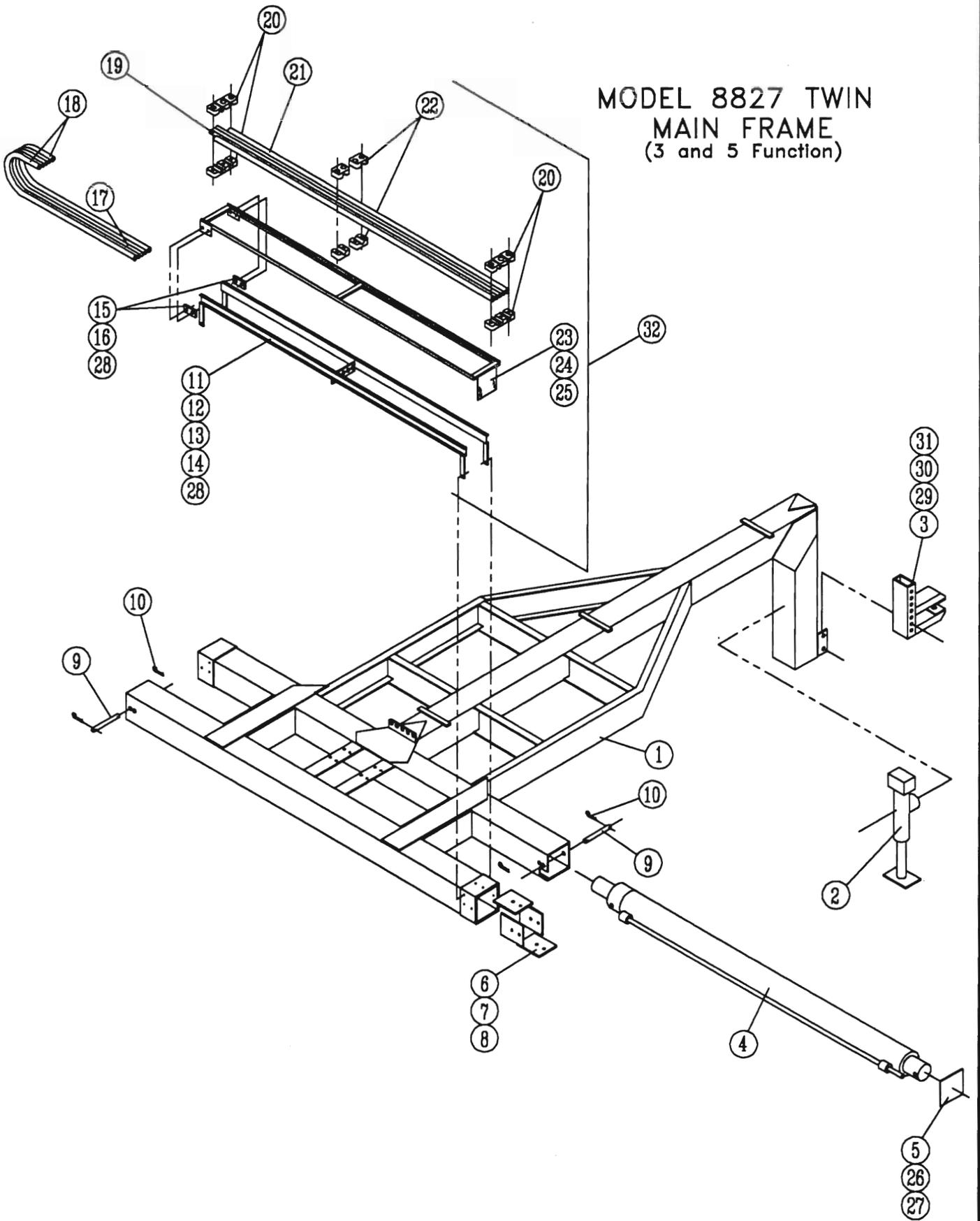


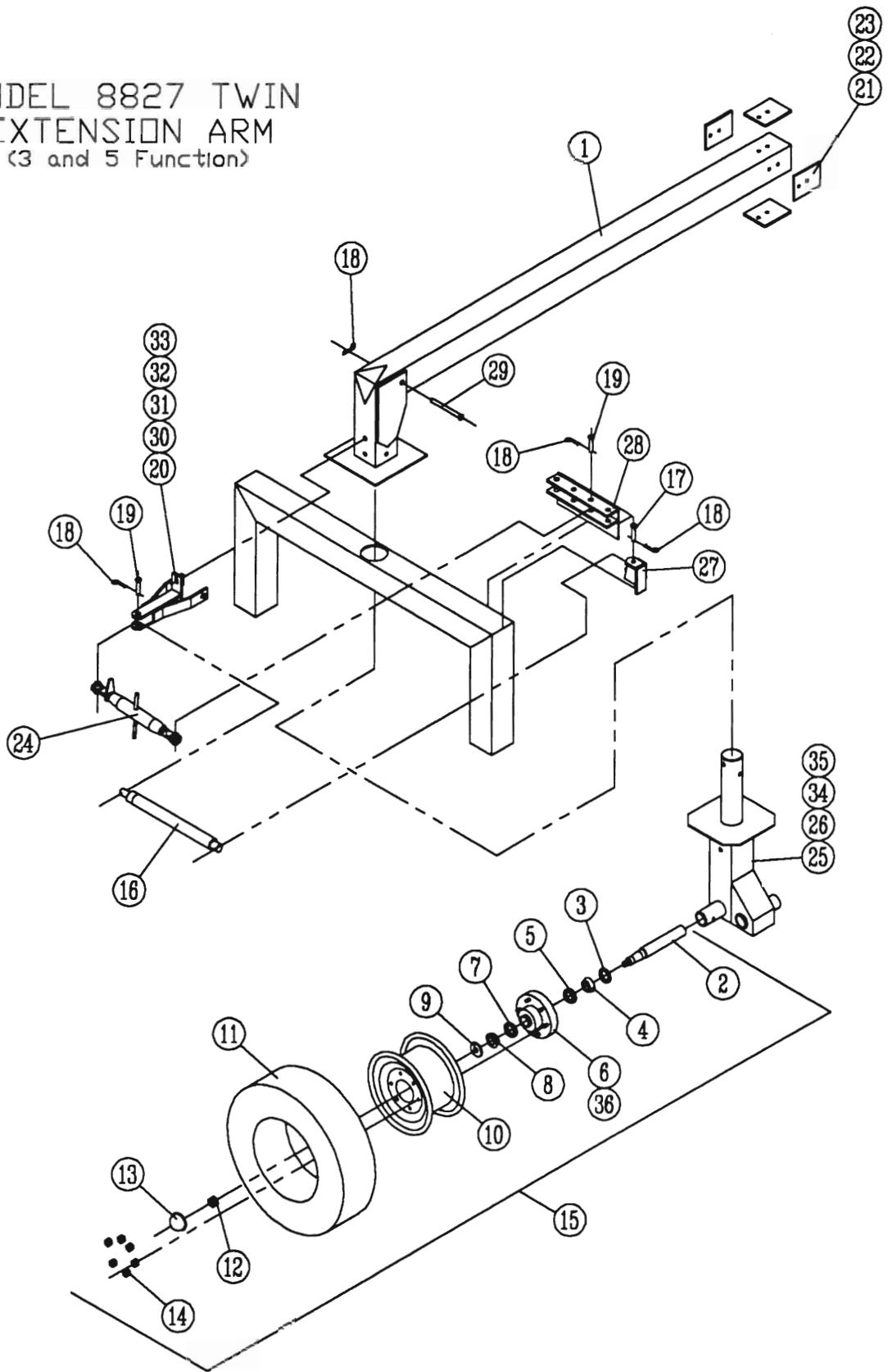
Fig. 1

Main Frame Assembly

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|---------------------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 82100 | 85-012-88 | Main Frame | 1 | 1 |
| 2 | 77115 | 79-040-88 | Jack Stand | 1 | 1 |
| 3 | 76108 | 85-026-88 | Double Lip Hitch | 1 | 1 |
| 4 | 82561 | 79-007-88 | Main Cylinder | 2 | 2 |
| 5 | 81114 | 93-018-88 | End Cap | 2 | 2 |
| 6 | 81125 | 79-003-88 | Poly. Slide Bearing | 8 | 8 |
| 7 | | 2814-1004 | Cap Screws NC 5/16" x 1/2" | 16 | 16 |
| 8 | | 0812-1000 | Hex Nut 5/16" NC | 16 | 16 |
| 9 | 81207 | 79-086-88 | Clevis Pin 3/4" x 6 1/2" | 2 | 2 |
| 10 | 81206 | 79-043-06 | Hair Pin Clip | 4 | 4 |
| 11 | 87313 | 85-009-88 | Guide Rail Right Extension | 1 | 1 |
| 12 | | 2814-0804 | Cap Screws NC 1/4" x 1/2" | 5 | 5 |
| 13 | | 1602-0800 | Lock Washers 1/4" | 11 | 11 |
| 14 | 87314 | 85-010-88 | Guide Rail Left Extension | 1 | 1 |
| 15 | 81146 | 79-001-88 | Poly Slide Bearing | 4 | 4 |
| 16 | | 0412-0806 | Flat Head Screws NC 1/4" x 3/4" | 8 | 8 |
| 17 | 87661-A | 79-041-88 | Hose Ass'y 53 1/2" OAL 4FJIC x 6 MJIC | 1 | 6 |
| 18 | 87661-B | 79-015-88 | Hose Ass'y 53 1/2" OAL 8FJIC x 8 MJIC | 2 | 4 |
| 19 | 81155 | 84-021-88 | Tubing 3/8" x 75 1/2" | 2 | 6 |
| 20 | 76389 | 79-016-88 | Tubing Clamp 3/8" | 6 | 18 |
| 21 | 81166 | 84-022-88 | Tubing 1/2" x 75 1/2" | 4 | 4 |
| 22 | 76390 | 79-012-88 | Tubing Clamp 1/2" | 12 | 12 |
| 23 | 82105 | 85-028-88 | Tubing Rack | 2 | 2 |
| 24 | | 2814-0804 | Cap Screws NC 1/4" x 1/2" | 4 | 4 |
| 25 | | 1602-0800 | Lock Washers 1/4" | 4 | 4 |
| 26 | | 2814-0806 | Cap Screw NC 1/4" x 3/4" | 4 | 4 |
| 27 | | 1702-0800 | Flat Washer 1/4" SAE | 4 | 4 |
| 28 | | 0812-0800 | Hex Nut NC 1/4" | 15 | 15 |
| 29 | | 2816-2060 | Cap Screw NC 5/8" x 6" | 2 | 2 |
| 30 | | 0812-2000 | Hex Nut NC 5/8" | 2 | 2 |
| 31 | | 1702-2000 | Flat Washer 5/8" SAE | 2 | 2 |
| 32 | 82101 | 84-002-88 | Rack Ass'y. (includes items 11-28) | | 1 |

MODEL 8827 TWIN
EXTENSION ARM
(3 and 5 Function)

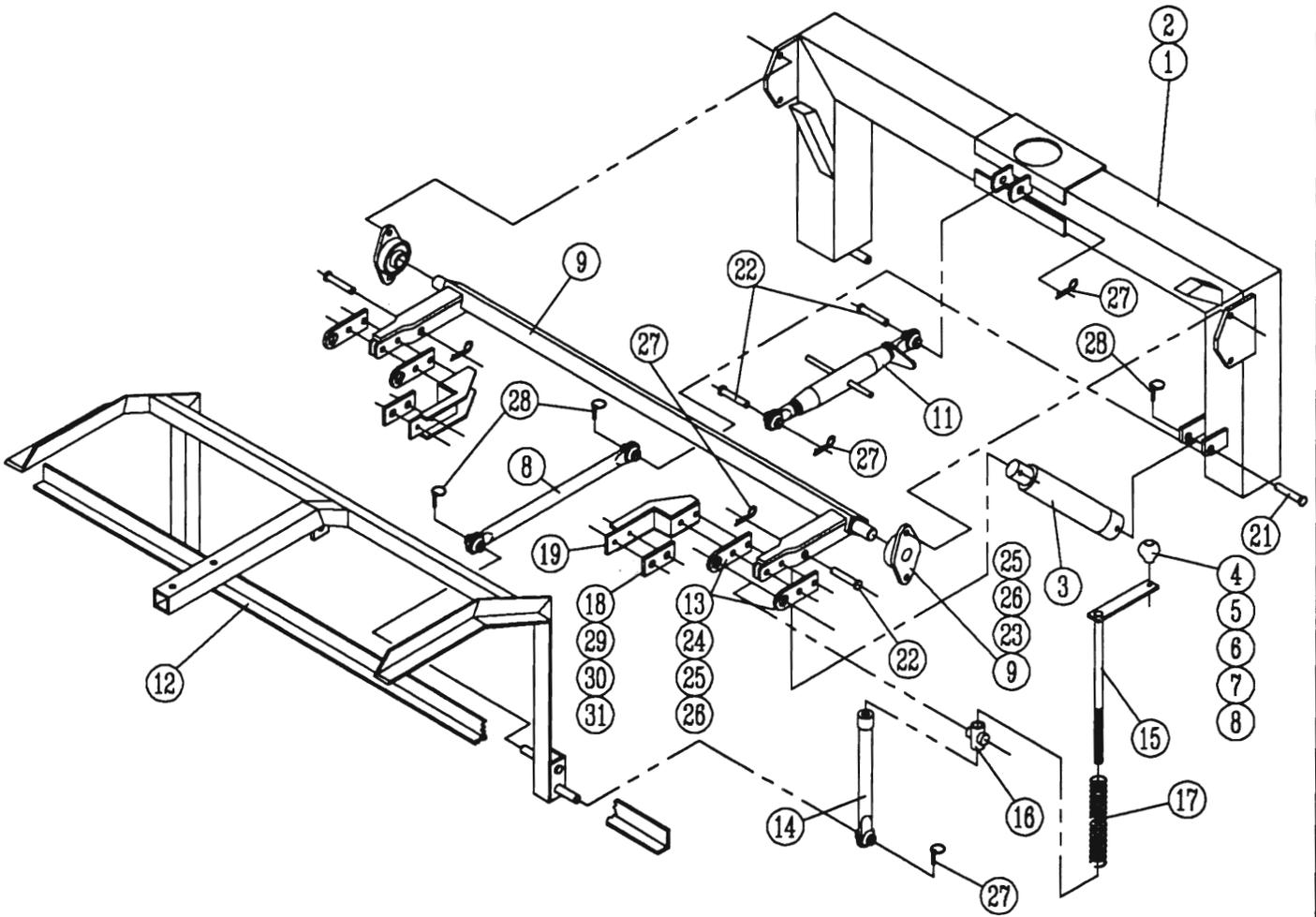


Extension Arm Assembly

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|--|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 87200 | 85-015-88 | Extension Arm | 2 | 2 |
| 2 | 81216 | 96-004-88 | Spindle Shaft | 4 | 4 |
| 3 | 81222 | 77-017-88 | Seal | 4 | 4 |
| 4 | 81233 | 77-018-88 | Rear Bearing | 4 | 4 |
| 5 | 81220 | 77-019-88 | Rear Race | 4 | 4 |
| 6 | 81218 | 77-020-88 | 6 Stud Hub With Studs | 4 | 4 |
| 7 | 76224 | 77-021-88 | Front Race | 4 | 4 |
| 8 | 76222 | 77-022-88 | Front Bearing | 4 | 4 |
| 9 | 81224 | 77-040-88 | Special Flat Washer | 4 | 4 |
| 10 | 81235 | 79-017-88 | 6 Hole Wheel | 4 | 4 |
| 11 | 81236 | 19-018-88 | Tire (7.50 x 15 Smooth) | 4 | 4 |
| 12 | 81217 | 77-023-88 | Castell Nut | 4 | 4 |
| 13 | 81234 | 77-026-88 | Hub Cap | 4 | 4 |
| 14 | 81223 | 77-024-88 | Lug Nuts | 24 | 24 |
| 15 | 81215 | 84-008-88 | Hub Ass'y.(includes items 2-9 & 12-14) | 4 | 4 |
| 16 | 81501 | 79-020-88 | Cylinder | | 2 |
| 17 | 81366 | 79-079-88 | Clevis Pin 5/8" x 2 1/4" | | 2 |
| 18 | 81522 | 79-043-06 | Hair Pin Clip | | 4 |
| 19 | 81507 | 79-080-88 | Clevis Pin 3/4" x 2 3/4" | 4 | 2 |
| 20 | 87001 | 85-016-88 | Swing Cylinder Rear Mount | 2 | 2 |
| 21 | 81125 | 79-003-88 | Poly Slide Bearing | 8 | 8 |
| 22 | | 2814-1004 | Cap Screws NC 5/16" x 1/2" | 16 | 16 |
| 23 | | 0812-1000 | Nuts NC 5/16" | 16 | 16 |
| 24 | 76188 | 79-022-88 | Angle Adjusting Arm | 2 | |
| 25 | 87201 | 85-007-88 | Right Hand Lower Axle | 1 | 1 |
| 26 | 87201 | 85-006-88 | Left Hand Lower Axle | 1 | 1 |
| 27 | 87002 | 85-017-88 | Swing Cylinder Front Mount | | 2 |
| 28 | 87003 | 85-039-88 | Adjustng Arm Front Mount | 2 | |
| 29 | | 79-087-88 | Pin 3/4" x 6" | 2 | 2 |
| 30 | | 2816-2460 | Hex Head Bolt 3/4" UNC x 6" | 2 | 2 |
| 31 | | 2816-1664 | Hex Head Bolt 3/4" UNC x 6 1/2" | 2 | 2 |
| 32 | | 0812-2400 | Hex Nut 3/4" UNC | 4 | 4 |
| 33 | | 1702-2400 | Flat Washer 3/4" | 8 | 8 |
| 34 | | 2816-1234 | Hex Head Bolt 3/8" NC x 3 1/2" | 4 | 4 |
| 35 | | 0912-1200 | Hex Lock Nut 3/8" NC | 4 | 4 |
| 36 | 81238 | 77-025-88 | Stud | 6 | 6 |

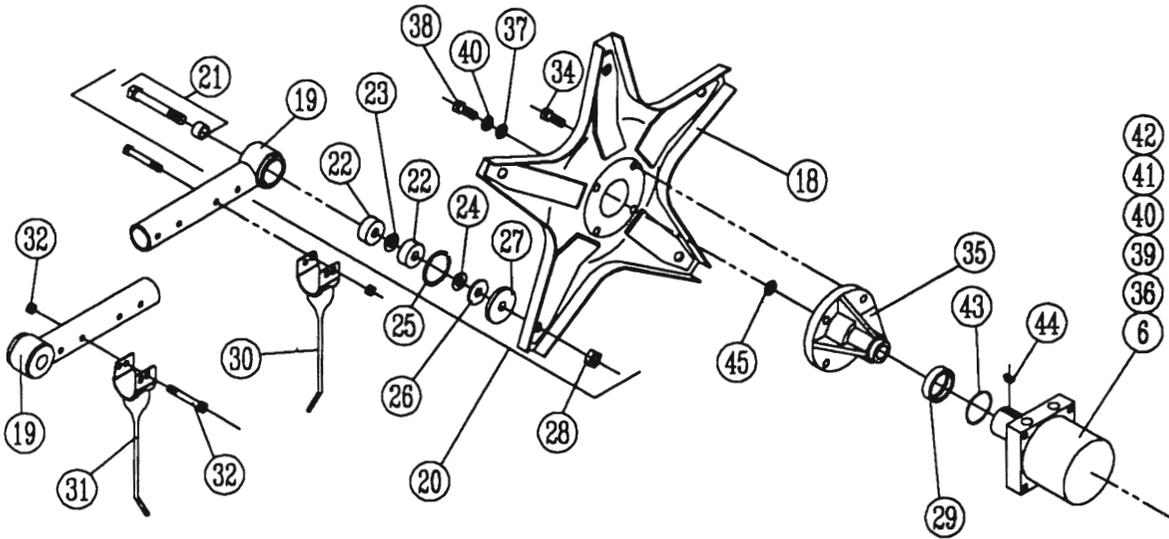
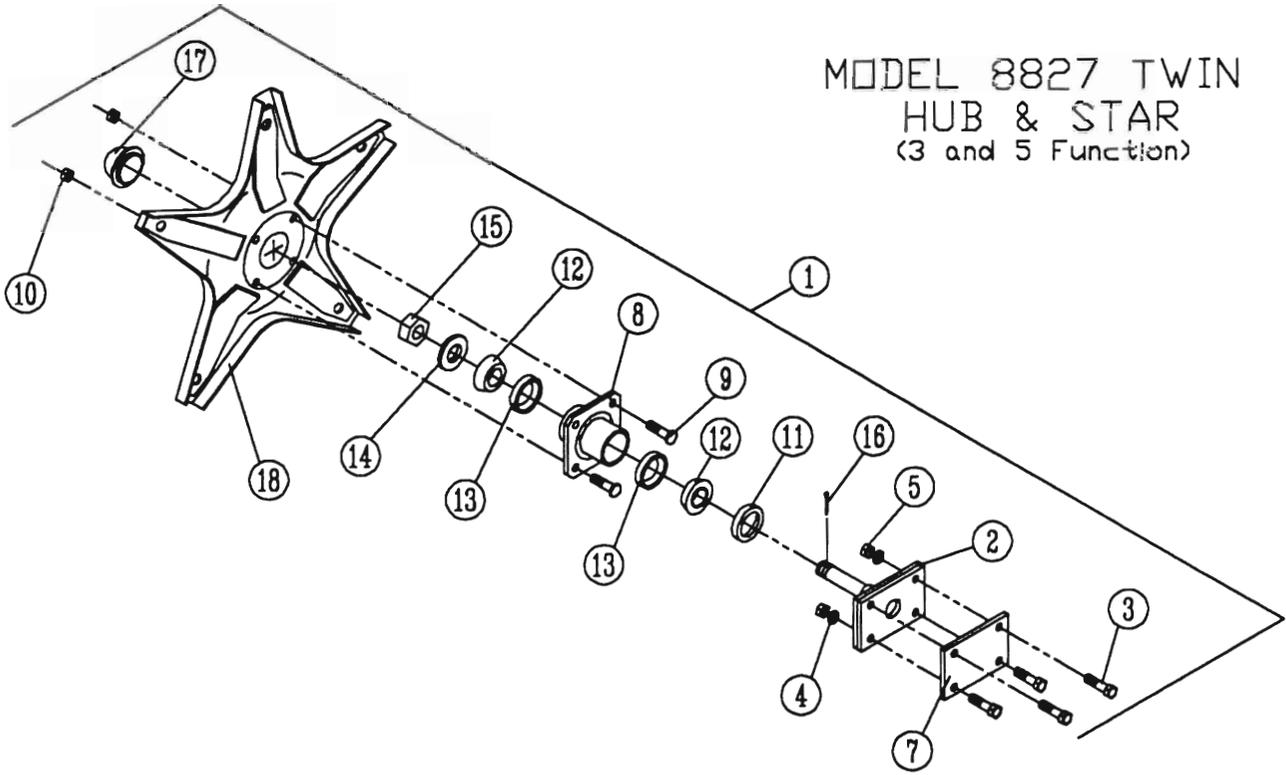
MODEL 8827 TWIN
BASKET ADAPTER,
HANGER & LIFT
(3 and 5 Function)



Basket Adapter, Hanger & Lift Assembly

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|--------------------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 87004 | 85-013-88 | Left Hand Swing Arm | 1 | 1 |
| 2 | | 85-014-88 | Right Hand Swing Arm | 1 | 1 |
| 3 | 85124 | 79-023-88 | Lift Cylinder | 2 | 2 |
| 4 | 77035 | 79-024-88 | Crank Knob | 4 | 4 |
| 5 | | 2814-1222 | Cap Screws 3/8" x 2 1/4" | 4 | 4 |
| 6 | | 1702-1200 | Flat Washers 3/8" SAE | 4 | 4 |
| 7 | | 0812-1200 | Nuts 3/8" NC | 4 | 4 |
| 8 | 85009 | 85-029-88 | Bottom Basket Standoff | 2 | 2 |
| 9 | 85010 | 85-011-88 | Basket Pivot Bar | 2 | 2 |
| 10 | 77102-A | 79-025-88 | Bearing & Two Bolt Flange | 4 | 4 |
| 11 | 76188 | 79-022-88 | Angle Adjusting Arm | 2 | 2 |
| 12 | 85011 | 85-001-88 | Basket Adapter | 2 | 2 |
| 13 | 76190 | 98-039-88 | Guide Mounts | 4 set | 4 set |
| 14 | 87005 | 85-030-88 | Ground Pressure Adjusting Arm | 4 | 4 |
| 15 | 87006 | 85-008-88 | Crank Arm 17" | 4 | 4 |
| 16 | 76191-B | 79-027-88 | Guide With Nylon Bearing (See 32-33) | 4 | 4 |
| 17 | 77042 | 79-028-88 | Spring | 4 | 4 |
| 18 | 87304 | 79-002-88 | Poly Slide Bearing | 4 | 4 |
| 19 | 87305 | 85-021-88 | Basket Adapter Guide | 4 | 4 |
| 20 | | 79-080-88 | Clevis Pin 3/4" x 2 3/4" | 2 | 2 |
| 21 | | 79-082-88 | Clevis Pin 3/4" x 3 3/4" | 2 | 2 |
| 22 | | 79-081-88 | Clevis Pin 3/4" x 3" | 4 | 4 |
| 23 | | 2816-1620 | Cap Screw 1/2" NC x 2" | 8 | 8 |
| 24 | | 2816-1634 | Cap Screw 1/2" NC x 3 1/2" | 8 | 8 |
| 25 | | 0812-1600 | Hex Nut 1/2" NC | 16 | 16 |
| 26 | | 1602-1600 | Lock Washers 1/2" SAE | 16 | 16 |
| 27 | 81522 | 79-043-06 | Hair Pin Clip | 8 | 8 |
| 28 | | 79-045-06 | Lynch Pin | 14 | 14 |
| 29 | | 0315-1414 | Plow Bolt 7/16" x 1 1/2" | 8 | 8 |
| 30 | | 1702-1400 | Flat Washer 7/16" SAE | 8 | 8 |
| 31 | | 0812-1400 | Hex Nut 7/16" NC | 8 | 8 |
| 32 | | 77-065-88 | Adjusting Rod Guide | 4 | 4 |
| 33 | | 77-066-88 | Nylon Bushing | 4 | 4 |

MODEL 8827 TWIN HUB & STAR (3 and 5 Function)



Hub & Star Assembly

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|----------------------|--|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 77127 | 84-004-88 | Hub Ass'y. (Includes Items 2-17) | 2 | 2 |
| 2 | 77128 | 85-033-88 | Hub Spindle | 2 | 2 |
| 3 | | 2816-1620 | Cap Screws 1/2" x 2" | 8 | 8 |
| 4 | | 1602-1600 | Lock Washers 1/2" SAE | 8 | 8 |
| 5 | | 0812-1600 | Nuts 1/2" NC | 8 | 8 |
| 6 | 87308 | 72-007-88 | White Motor Seal Kit | 1 | 1 |
| 7 | 77129 | 98-035-88 | Hub Backing Plate | 2 | 2 |
| 8 | 77014 | 77-041-88 | Hub | 2 | 2 |
| 9 | 77015 | 77-042-88 | Hub Bolt | 8 | 8 |
| 10 | 77021 | 77-043-88 | Hub Nut | 8 | 8 |
| 11 | 77016 | 77-044-88 | Seal | 2 | 2 |
| 12 | 77077 | 77-045-88 | Bearing | 4 | 4 |
| 13 | 77017 | 77-046-88 | Rear Race | 4 | 4 |
| 14 | 77056 | 77-047-88 | Special Flat Washer | 2 | 2 |
| 15 | 77057 | 77-048-88 | Special Spindle Nut | 2 | 2 |
| 16 | 77085 | 77-049-88 | Cotter Pin 1/8" x 2" | 2 | 2 |
| 17 | 77058 | 77-050-88 | Hub Cap | 2 | 2 |
| 18 | 77111 | 85-031-88 | Star | 4 | 4 |
| 19 | 81417 | 85-032-88 | Tine Bar | 10 | 10 |
| 20 | 77067 | 84-005-88 | Bearing & Bolt Ass'y. (Items 21-28) | 20 | 20 |
| 21 | 77114 | 77-051-88 | Bearing Bolt & Sleeve ⁹⁹⁻⁰³¹⁻⁸⁸ | 20 | 20 |
| 22 | 77069 | 77-052-88 | Sealed Roll Bearing ²⁸³⁶⁻²⁴³⁴ | 40 | 40 |
| 23 | 77070 | 77-053-88 | Shim ⁷⁷⁻⁰⁵⁴⁻⁸⁸ | 20 | 20 |
| 24 | 77071 | 77-054-88 | Spacer ⁷⁷⁻⁰⁶⁴⁻⁸⁸ | 20 | 20 |
| 25 | 77072 | 77-055-88 | Snap Ring | 20 | 20 |
| 26 | 77073 | 1702-2400 | Washer ⁷⁷⁻⁰⁶⁷⁻⁸⁸ | 20 | 20 |
| 27 | 77074 | 77-056-88 | Shield | 20 | 20 |
| 28 | 77082 | 1432-2400 | 3/4" NF Stover Lock Nut | 20 | 20 |
| 29 | 87306 | 92-003-88 | Plastic Motor Guard | 2 | 2 |
| 30 | 78020 | 79-026-88 | Tine, R.H. | 110 | 110 |

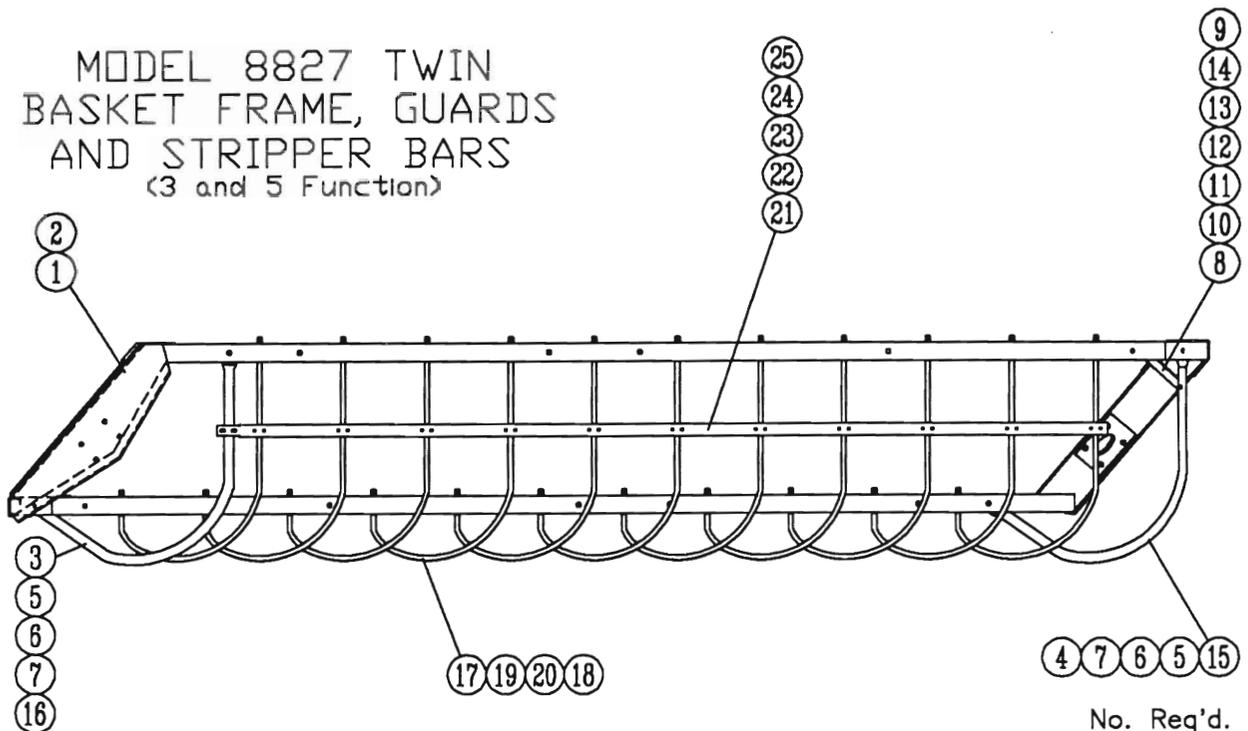
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Hub & Star Assembly

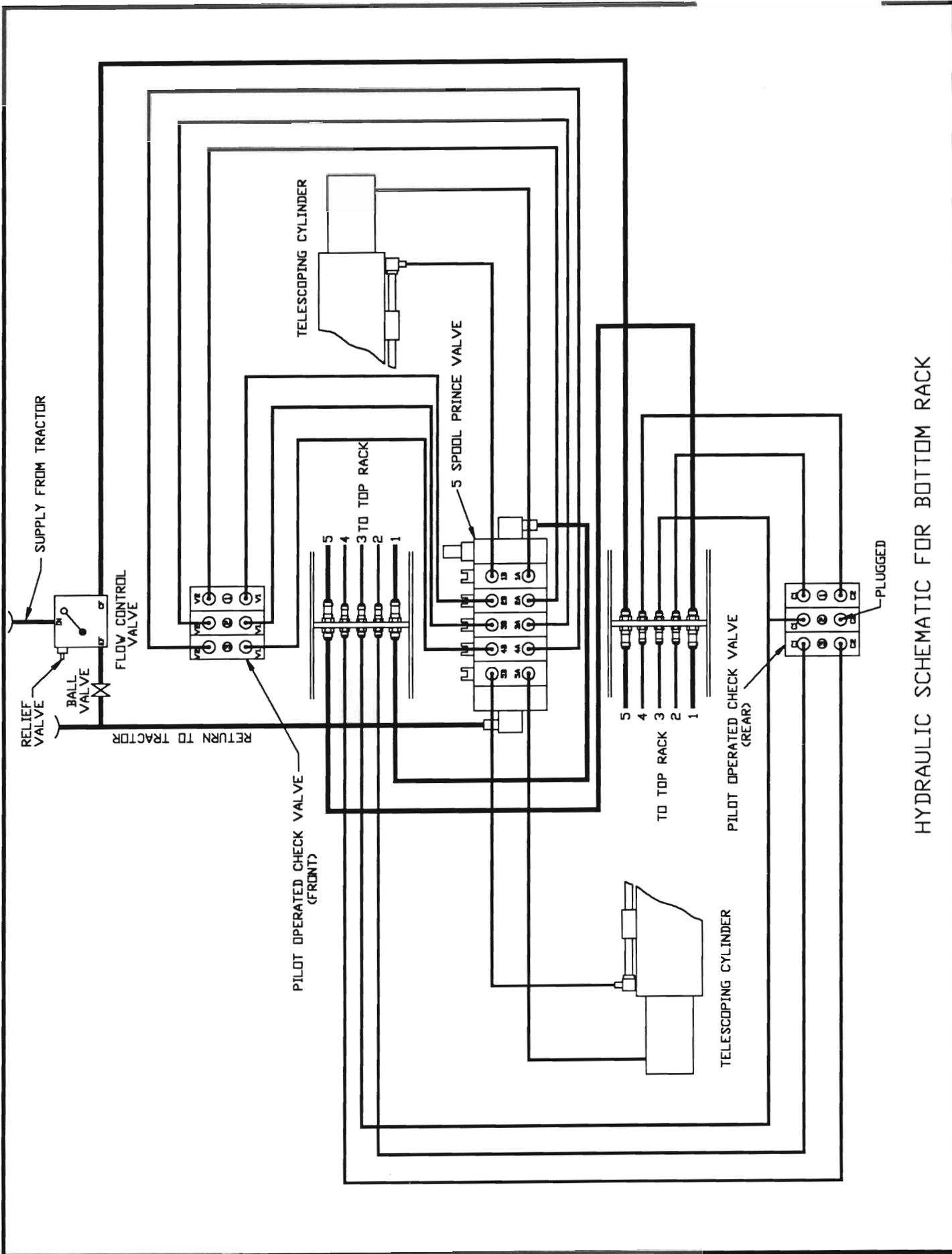
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| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|-------------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 31 | 78120 | 79-030-88 | Tine, L.H. | 110 | 110 |
| 32 | | 2816-1224 | Cap Screws Gr.5 3/8" x 2 1/2" | 220 | 220 |
| 33 | | 0912-1200 | Lock Nuts 3/8" NC | 220 | 220 |
| 34 | 77112 | 79-084-88 | Drive Hub Bolt 1/2" NF | 8 | 8 |
| 35 | 87307 | 79-031-88 | Drive Hub | 2 | 2 |
| 36 | 81433 | 79-032-88 | Drive Motor (Standard) | 2 | 2 |
| 37 | | 1702-2000 | Flat Washer 5/8" | 2 | 2 |
| 38 | | 2836-2012 | Cap Screw 5/8" x 1 1/4" NF | 2 | 2 |
| 39 | | 2816-1624 | Cap Screw Gr.5 1/2" x 2 1/2" | 8 | 8 |
| 40 | | 1602-2000 | Lock Washer 5/8" SAE | 2 | 2 |
| 41 | | 0812-1600 | Nut 1/2" NC | 8 | 8 |
| 42 | 87311 | 79-033-88 | Drive Motor Green Chop | 2 | 2 |
| 43 | 16011-A1 | 79-034-88 | Wire Ring | 2 | 2 |
| 44 | 1/4x5/16 | 79-035-88 | Rectangle Key | 2 | 2 |
| 45 | 87312 | 79-036-88 | Shim (as needed) | | |
| 46 | 87309 | 79-038-88 | White Motor Thrust Bearing | 2 | 2 |
| 47 | 87310 | 79-059-88 | White Motor Drive Shaft | 1 | 1 |

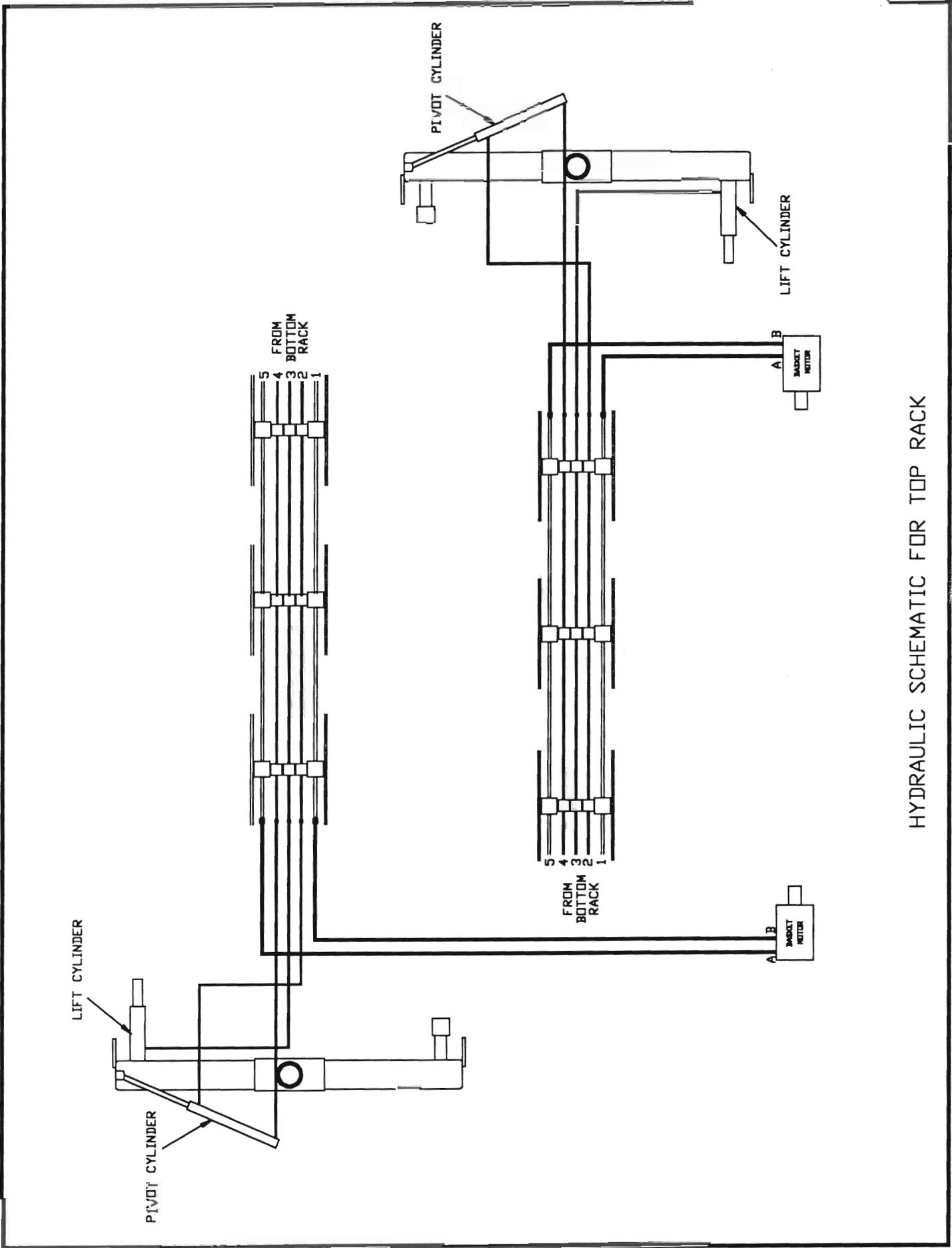
MODEL 8827 TWIN
BASKET FRAME, GUARDS
AND STRIPPER BARS
(3 and 5 Function)



| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|--|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 78242 | 85-034-88 | Right Hand Basket Frame | 1 | 1 |
| 2 | 78342 | 85-035-88 | Left Hand Basket Frame | 1 | 1 |
| 3 | 78016 | 92-005-88 | Right Hand Front Guard | 1 | 1 |
| 4 | 78116 | 92-008-88 | Left Hand Rear Guard | 1 | 1 |
| 5 | | 2814-1616 | Cap Screw 1/2" x 1 3/4" | 8 | 8 |
| 6 | | 1602-1600 | Lock Washer 1/2" SAE | 8 | 8 |
| 7 | | 0812-1600 | Nut 1/2" NC | 8 | 8 |
| 8 | 82404 | 85-036-88 | Right Hand Guard Brace | 1 | 1 |
| 9 | 82405 | 85-037-88 | Left Hand Guard Brace | 1 | 1 |
| 10 | | 0514-1220 | Carriage Bolt 3/8" x 2" | 2 | 2 |
| 11 | | 2814-1214 | Cap Screw 3/8" x 1 1/2" | 2 | 2 |
| 12 | | 1602-1200 | Lock Washer 3/8" SAE | 4 | 4 |
| 13 | | 0812-1200 | Nut 3/8" NC | 4 | 4 |
| 14 | | 93-081-88 | Flat Spacer | 4 | 4 |
| 15 | 78017 | 92-009-88 | Right Hand Rear Guard | 1 | 1 |
| 16 | 78117 | 92-006-88 | Left Hand Front Guard | 1 | 1 |
| 17 | 78018 | 96-023-88 | Right Hand Stripper Bar | 11 | 11 |
| 18 | 78118 | 96-021-88 | Left Hand Stripper Bar | 11 | 11 |
| 19 | | 0812-2000 | Nut 5/8" NC | 44 | 44 |
| 20 | | 1602-2000 | Lock Washer 5/8" SAE | 44 | 44 |
| 21 | 81471 | 72-004-88 | Stripper Bar Support Group (includes items 22-25) | 2 | 2 |
| 22 | 81472 | 93-035-88 | Stripper Reinforcing Bar | 2 | 2 |
| 23 | 77033 | 79-076-88 | "U" Bolt (large) | 2 | 2 |
| 24 | 77034 | 79-077-88 | "U" Bolt (small) | 22 | 22 |
| 25 | | 0912-1000 | Lock Nuts 5/16" NC | 48 | 48 |

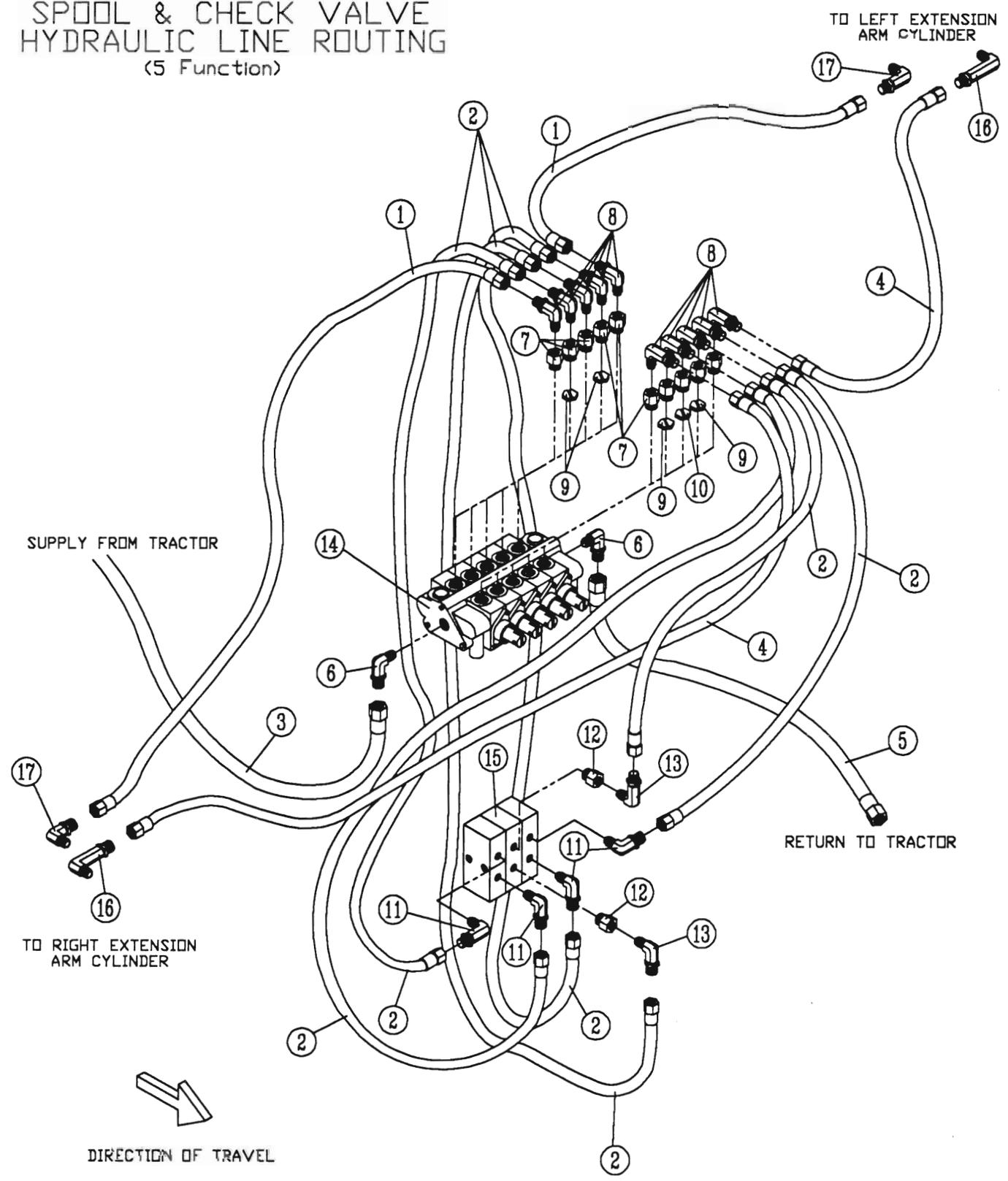


HYDRAULIC SCHEMATIC FOR BOTTOM RACK



HYDRAULIC SCHEMATIC FOR TOP RACK

MODEL 8827 TWIN
 SPOOL & CHECK VALVE
 HYDRAULIC LINE ROUTING
 (5 Function)



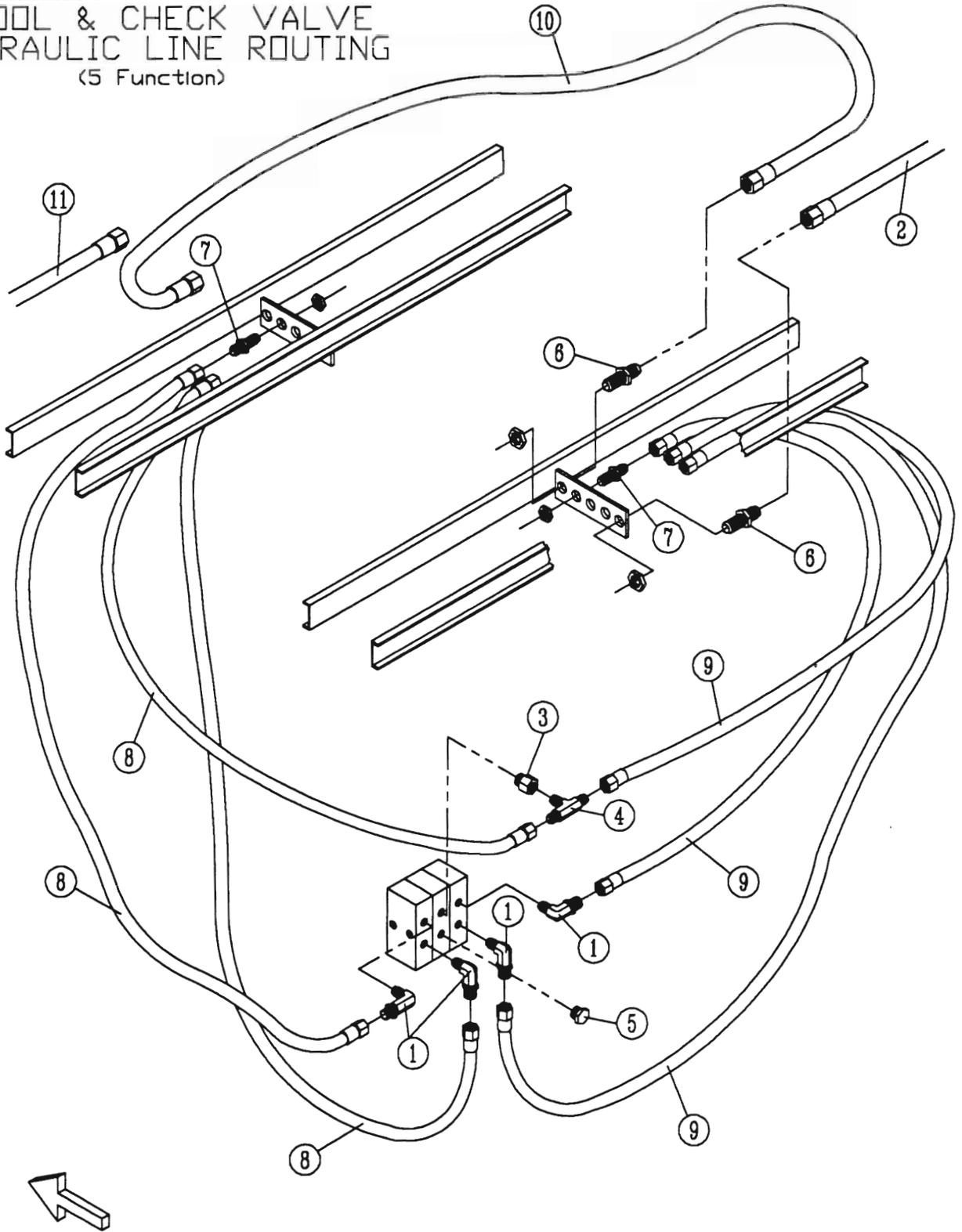
Spool & Check Valve Hydraulic Line Routing

(5 Function)

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|---------------|-------------|--------------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 87650 | 79-043-88 | Hose Ass'y. 1/4" x 53" Long | | 2 |
| 2 | | 79-101-88 | Hose Ass'y. 1/4" x 25" Long | | 6 |
| 3 | 87612 | 79-055-88 | Hose Ass'y. 1/2" x 39" Long | | 1 |
| 4 | 87608 | 79-044-88 | Hose Ass'y. 1/4" x 52" Long | | 2 |
| 5 | | 79-102-88 | Hose Ass'y. 1/2" x 20" Long | | 1 |
| 6 | | 79-094-88 | 90° JIC Adapter | | 2 |
| 7 | 87611 | 79-054-88 | Reducing Adapter | | 10 |
| 8 | 2062-4-49 | 79-052-88 | JIC 90° | | 10 |
| 9 | | 77-058-88 | Restrictor (.030 Meter Out) | | 4 |
| 10 | | 77-059-88 | Restrictor (.020 Meter In) | | 1 |
| 11 | | 79-095-88 | JIC 90° Adapter | | 4 |
| 12 | | 79-096-88 | JIC Straight Adapter | | 2 |
| 13 | | 79-097-88 | 90° JIC Swivel | | 2 |
| 14 | | 79-051-88 | Prince 5 Spool Valve | | 1 |
| | V12-4-4LD-4LD | 79-103-88 | Gresen 5 Spool Valve | | 1 |
| 15 | | 79-201-88 | Prince Check Valve | | 3 |
| 16 | 202414-4-49 | 79-009-88 | Elbow 90° Pipe To JIC (X-Long) | | 2 |
| 17 | 2025-4-49 | 79-008-88 | Elbow 90° Pipe To JIC | | 2 |

MODEL 8827 TWIN
SPOOL & CHECK VALVE
HYDRAULIC LINE ROUTING
(5 Function)



DIRECTION OF TRAVEL

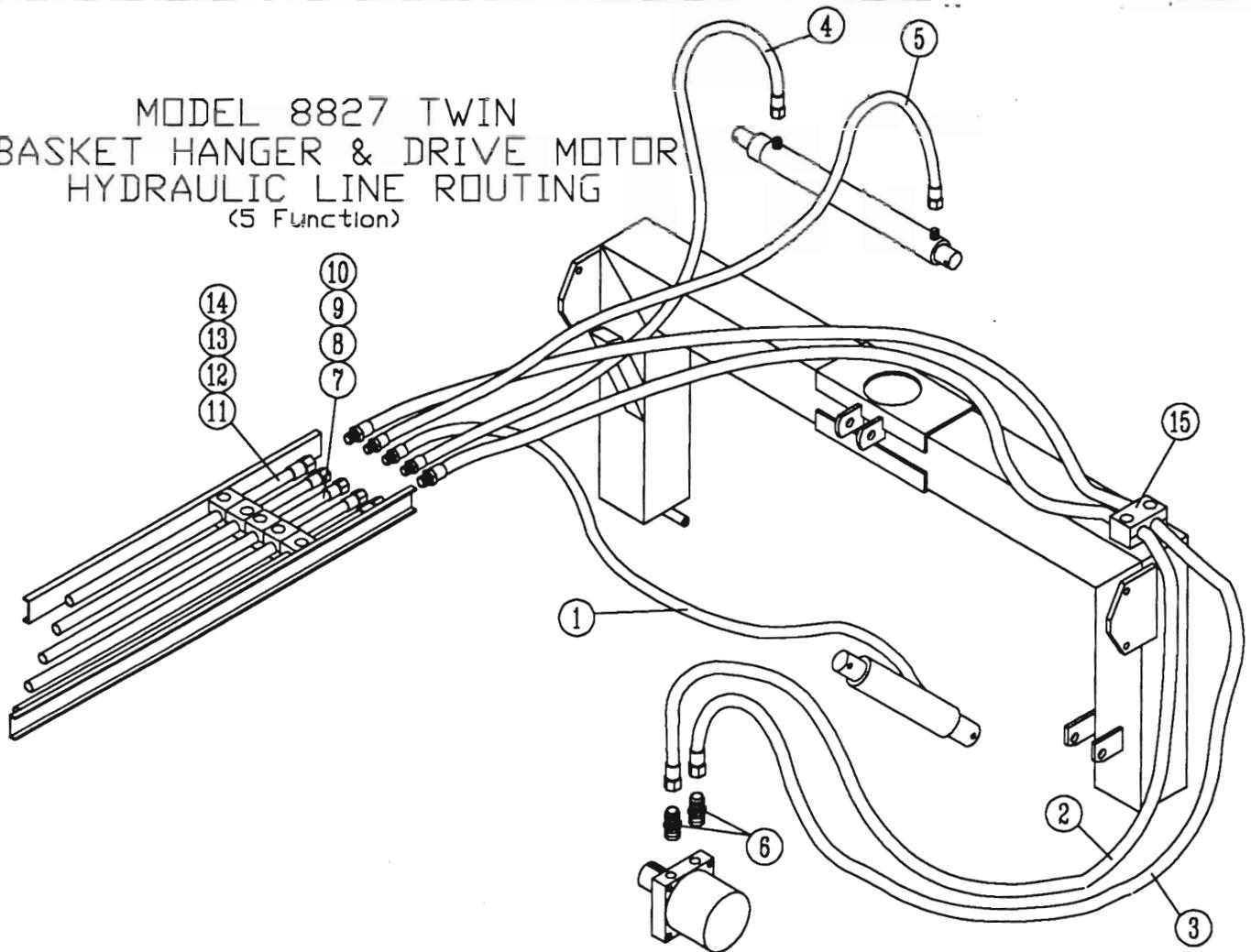
Spool & Check Valve Hydraulic Line Routing

(5 Function)

No. Req'd.

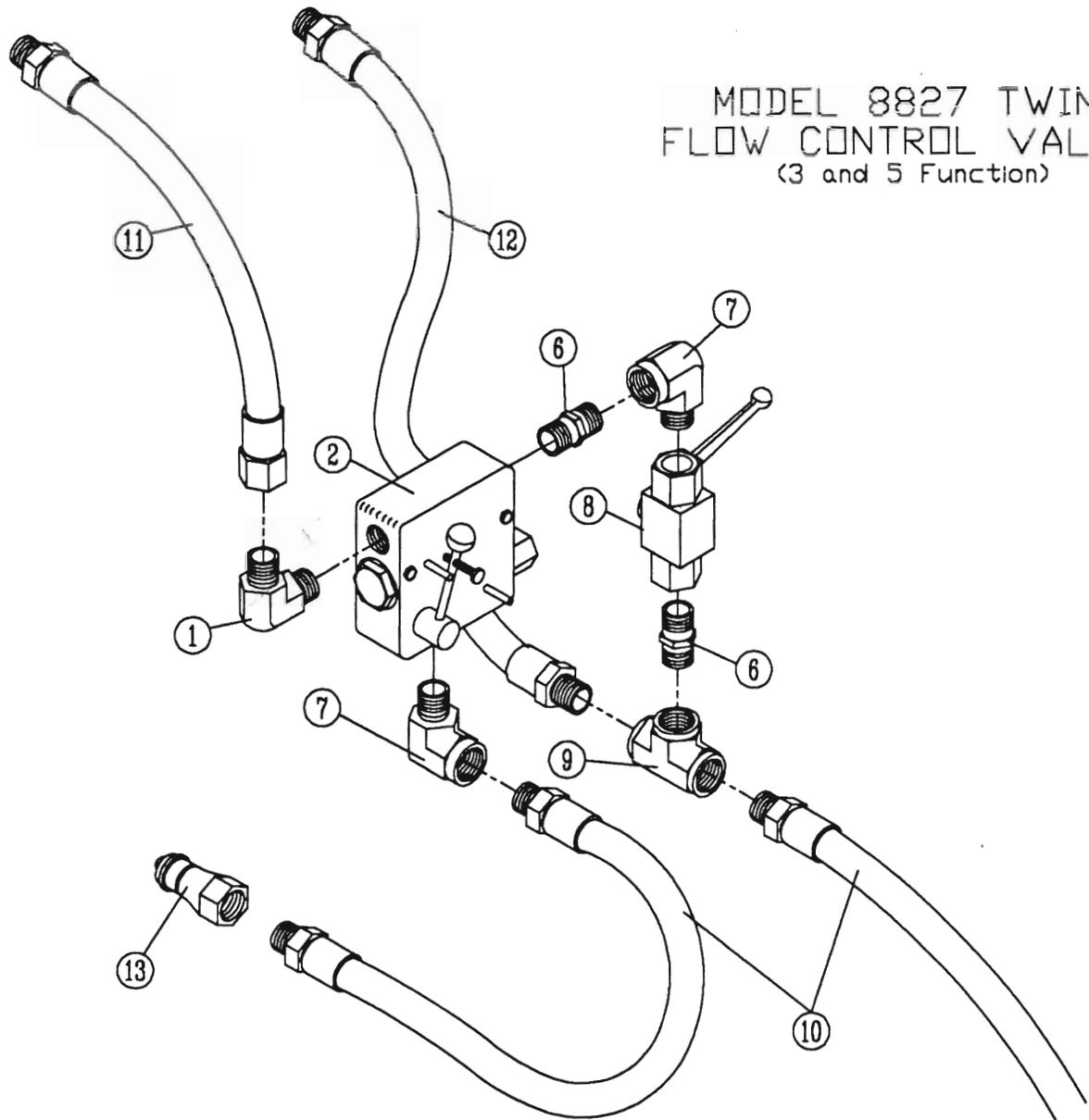
| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|---------------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | | 79-095-88 | JIC 90° Adapter | | 4 |
| 2 | 87612 | 79-055-88 | Hose Ass'y. 1/2" x 39" Long | | 1 |
| 3 | | 79-096-88 | JIC Straight Adapter | | 1 |
| 4 | | 79-099-88 | JIC Swivel Branch Tee | | 1 |
| 5 | | 79-100-88 | Straight Thread Plug | | 1 |
| 6 | 2041-8-89 | 79-083-88 | #8 Bulkhead Fitting | | 4 |
| 7 | 2041-4-44 | 79-013-88 | #4 Bulkhead Fitting | | 6 |
| 8 | 87647 | 79-047-88 | Hose Ass'y. 1/4" x 26 1/2" Long | | 3 |
| 9 | 87609 | 79-048-88 | Hose Ass'y. 1/4" x 21" Long | | 3 |
| 10 | 87648 | 79-046-88 | Hose Ass'y. 1/2" x 55" Long | | 1 |
| 11 | 87610 | 79-049-88 | Hose Ass'y. 1/2" x 38" Long | | 1 |

MODEL 8827 TWIN
 BASKET HANGER & DRIVE MOTOR
 HYDRAULIC LINE ROUTING
 (5 Function)



| Ref. No. | Allen No. | Harrell No. | Description | 3 Function | 5 Function |
|----------|--------------|-------------|---|------------|------------|
| 1 | 87600 | 79-062-88 | Hose Ass'y. 60" 4FJIC Swivel x Short 90 4JIC | 2 | 2 |
| 2 | 87655 | 79-060-88 | Hose Ass'y. 94" 8FJIC Swivel x 8MJIC | 2 | 2 |
| 3 | 87658 | 79-061-88 | Hose Ass'y. 90" 8FJIC Swivel x 8MJIC | 2 | 2 |
| 4 | 87603 | 79-065-88 | Hose Ass'y. 30" 4FJIC Swivel x 6MJIC | | 2 |
| 5 | 87602 | 79-064-88 | Hose Ass'y. 40" 4FJIC Swivel x 6MJIC | | 2 |
| 6 | 202702-10-89 | 79-050-88 | "O" Ring Boss to 37° Flare | 4 | 4 |
| 7 | 81155 | 84-021-88 | Tubing Ass'y. 3/8" x 75 1/2" | 2 | 2 |
| 8 | | 94-027-88 | Tubing 3/8" x 75 1/2" | 2 | 2 |
| 9 | | 77-060-88 | Flareless Tube End Cap | 4 | 12 |
| 10 | | 77-061-88 | Ferrule 3/8" O.D. Tubing | 4 | 12 |
| 11 | 81166 | 84-022-88 | Tubing Ass'y. 1/2" x 75 1/2" | 4 | 4 |
| 12 | | 94-028-88 | Tubing 1/2" x 75 1/2" | 4 | 4 |
| 13 | | 77-062-88 | Flareless Tube End Cap | 8 | 8 |
| 14 | | 77-063-88 | Ferule 1/2" O.D. Tubing | 8 | 8 |
| 15 | | 79-108-36 | 3/4" Twin Hose Clamp | 2 | 2 |

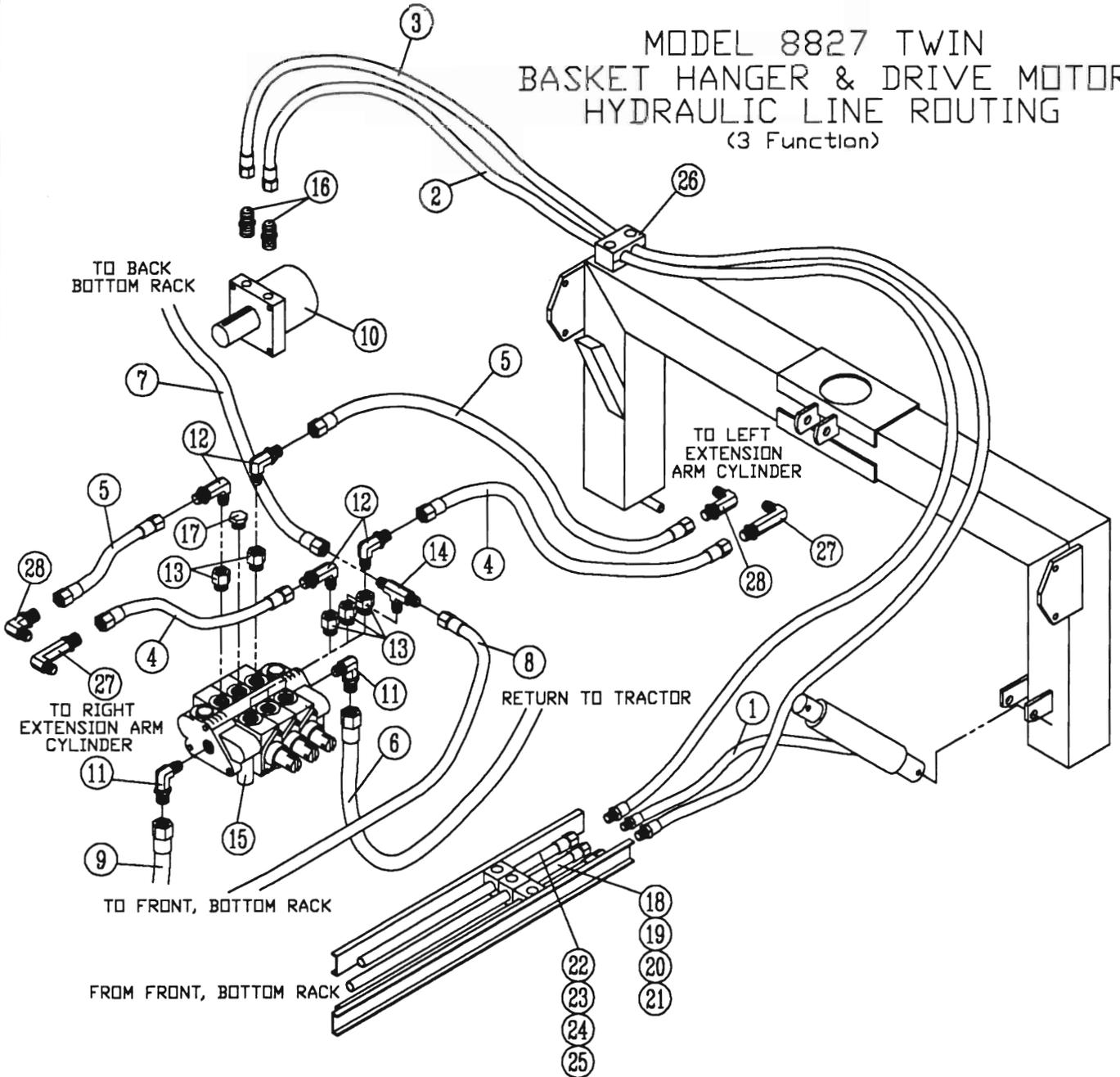
MODEL 8827 TWIN
FLOW CONTROL VALVE
(3 and 5 Function)



No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | 3 Function | 5 Function |
|----------|-----------|-------------|----------------------------------|------------|------------|
| 1 | 2024-8-89 | 79-070-88 | Male Elbow | 1 | 1 |
| 2 | 76260 | 79-042-88 | Flow Control Valve | 1 | 1 |
| 3 | | 2816-0822 | Hex Head Cap Screw 1/4" x 2 1/4" | 1 | 1 |
| 4 | | 2816-0824 | Hex Head Cap Screw 1/4" x 2 1/2" | 1 | 1 |
| 5 | | 1602-0800 | Lock Washer 1/4" SAE | 2 | 2 |
| 6 | | 77-057-88 | Pipe Nipple | 2 | 2 |
| 7 | 2089-8-89 | 79-069-88 | Street Elbow | 2 | 2 |
| 8 | 444YB1/2 | 79-072-88 | Ball Valve | 1 | 1 |
| 9 | 2091-8-89 | 79-067-88 | Female Pipe Tee | 1 | 1 |
| 10 | 87660 | 79-068-88 | Hose Ass'y, 1/2" x 62 1/2" Long | 2 | 2 |
| 11 | 87607 | 79-071-88 | Hose Ass'y, 1/2" x 18" Long | 1 | 1 |
| 12 | 87604 | 79-066-88 | Hose Ass'y, 1/2" x 17" Long | 1 | 1 |
| 13 | | 79-212-36 | Quick Disconnect Adapter | 2 | 2 |

MODEL 8827 TWIN BASKET HANGER & DRIVE MOTOR HYDRAULIC LINE ROUTING (3 Function)



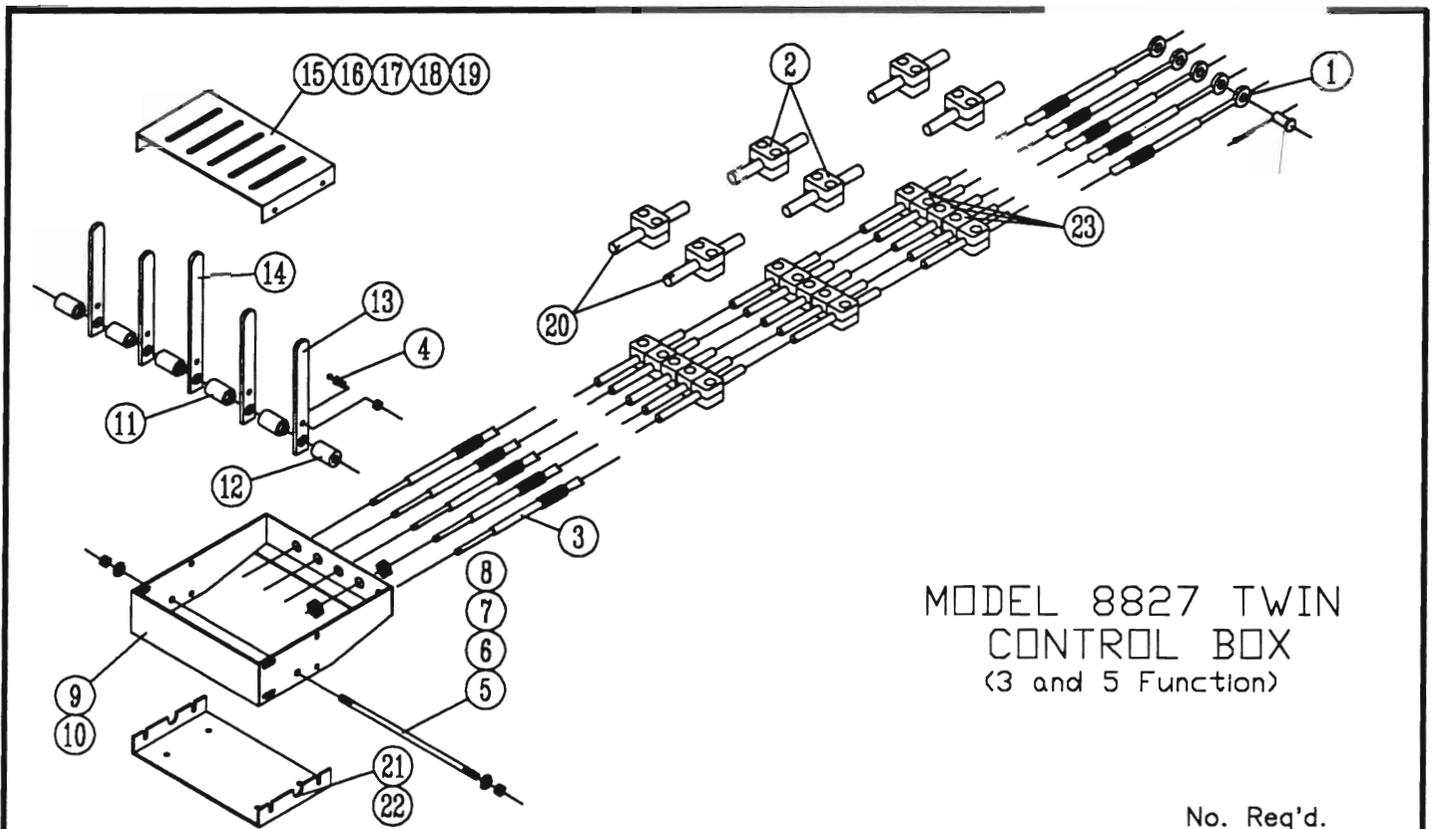

 DIRECTION OF TRAVEL

Basket Hanger & Drive Motor Hydraulic Line Routing

(3 Function)

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|----------------|-------------|---|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 87600 | 79-062-88 | Hose Ass'y. 60" 4FJIC Swivel x Short 90 4JIC | 2 | |
| 2 | 87655 | 79-060-88 | Hose Ass'y. 94" 8FJIC Swivel x 8MJIC | 2 | |
| 3 | 87658 | 79-061-88 | Hose Ass'y. 90" 8FJIC Swivel x 8MJIC | 2 | |
| 4 | 87608-A | 79-090-88 | Hose Ass'y. 56" 4FJIC x 4FJIC | 2 | |
| 5 | 87650-A | 79-057-88 | Hose Ass'y. 57" 4FJIC Swivel x Long 90° 4JIC | 2 | |
| 6 | 87612 | 79-055-88 | Hose Ass'y. 39" 8FJIC Swivel x 8FJIC Swivel | 1 | |
| 7 | 87610 | 79-049-88 | Hose Ass'y. 38" 8FJIC Swivel x 8MJIC Swivel | 1 | |
| 8 | 87647 | 79-047-88 | Hose Ass'y. 26 1/2" 4FJIC Swivel x 4MJIC | 1 | |
| 9 | 87609 | 79-048-88 | Hose Ass'y. 21" 8FJIC Swivel x Short 90 8JIC | 1 | |
| 10 | 81433 | 79-032-88 | Hydraulic Drive Motor | 2 | |
| 11 | | 79-094-88 | JIC 90° Adapter | 2 | |
| 12 | 2062-4-49 | 79-052-88 | JIC 90° | 4 | |
| 13 | 87611 | 79-054-88 | Reducing Adapter | 5 | |
| 14 | 203003-4-49 | 79-053-88 | JIC Swivel Branch Tee | 1 | |
| 15 | V124-4LD-4-LHD | 79-059-88 | Gresen 3 Spool Valve | 1 | |
| | | 79-105-88 | Prince 3 Spool Valve | | |
| 16 | 202702-10-89 | 79-050-88 | □ Ring Boss to 37° Flare | 2 | |
| 17 | | 79-100-88 | Straight Thread Plug | 1 | |
| 18 | 81155 | 84-021-88 | Tubing Ass'y. 3/8" x 75 1/2" | 2 | |
| 19 | | 94-027-88 | Tubing 3/8" x 75 1/2" | 2 | |
| 20 | | 77-060-88 | Flareless Tube End Cap | 4 | |
| 21 | | 77-061-88 | Ferule 3/8" O.D. Tubing | 4 | |
| 22 | 81166 | 84-022-88 | Tubing Ass'y. 1/2" x 75 1/2" | 4 | |
| 23 | | 94-028-88 | Tubing 1/2" x 75 1/2" | 4 | |
| 24 | | 77-062-88 | Flareless Tube End Cap | 8 | |
| 25 | | 77-063-88 | Ferule 1/2" O.D. Tubing | 8 | |
| 26 | | 79-108-36 | 3/4" Twin Hose Clamp | 2 | |
| 27 | 202414-4-49 | 79-009-88 | Elbow 90° Pipe To JIC (X-Long) | 2 | |
| 28 | 2025-4-49 | 79-008-88 | Elbow 90° Pipe To JIC | 2 | |

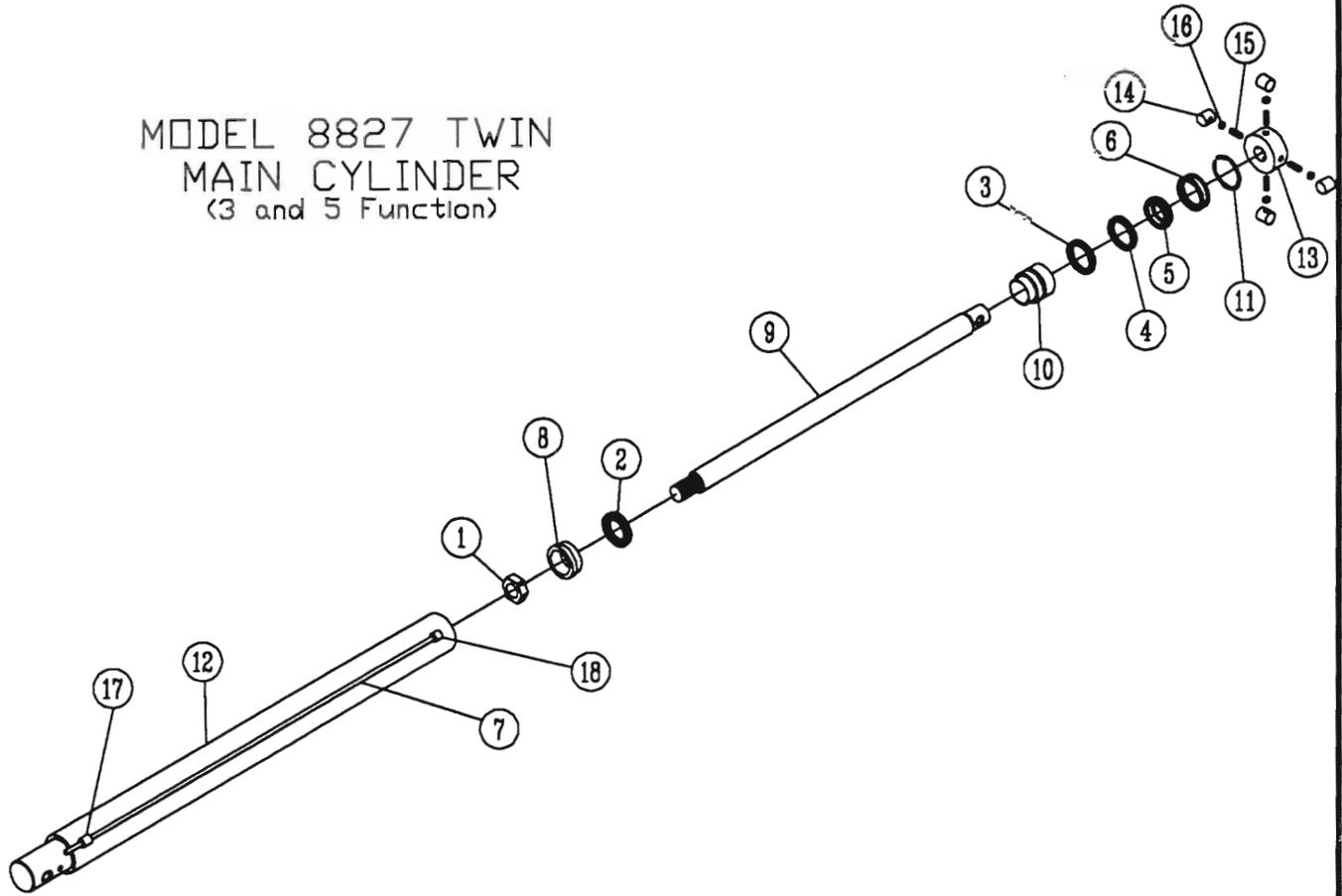


MODEL 8827 TWIN
CONTROL BOX
(3 and 5 Function)

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|------------|-------------|---|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | A046170 | 79-073-88 | Morse Terminal Eyes | 3 | 5 |
| 2 | | 79-104-88 | Double Stacked Clamp | 15 | 21 |
| 3 | 40BDD38011 | 79-074-88 | Morse Cable | 3 | 5 |
| 4 | A029104 | 79-075-88 | Ball Joints | 3 | 5 |
| 5 | 77117 | 96-026-88 | Lever Pivot Shaft | 1 | |
| 6 | 77118 | 96-025-88 | Lever Pivot Shaft | | 1 |
| 7 | | 1602-1200 | Lock Washers 3/8" SAE | 2 | 2 |
| 8 | | 0812-1200 | Nuts 3/8" | 2 | 2 |
| 9 | 77119 | 85-038-88 | Control Box (3 Spool) | 1 | |
| 10 | 77120 | 85-005-88 | Control Box (5 Spool) | | 1 |
| 11 | 77121 | 96-018-88 | Spacer | 3 | 5 |
| 12 | 77122 | 96-017-88 | Spacer | 1 | 1 |
| 13 | 77123 | 98-046-88 | Handle | 2 | 4 |
| 14 | 77124 | 98-045-88 | Handle | 1 | 1 |
| 15 | 77125 | 93-072-88 | Cover | 1 | |
| 16 | 77126 | 93-045-88 | Cover | | 1 |
| 17 | | 1602-0800 | Lock Washers 1/4" SAE | 4 | 4 |
| 18 | | 0812-0800 | Nuts 1/4" NC | 4 | 4 |
| 19 | | 2814-0804 | Hex Bolt 1/4" x 1/2" NC | 4 | 4 |
| 20 | 77130 | 84-018-88 | Hydraulic Tube Ass'y. 1/2" x 92" | 2 | 2 |
| 21 | 77137 | 93-071-88 | Bottom Plate | 1 | |
| 22 | 77138 | 93-041-88 | Bottom Plate | | 1 |
| 23 | | 93-071-88 | Tubing Clamp 3/8" | 9 | 15 |
| 24 | 77131 | 84-006-88 | Complete Control Box Ass'y. (5 Spool) (Inc. Items 1&2, 4-22 ex. 5,9,15&21) | | 1 |
| 25 | 77133 | 84-007-88 | Complete Control Box Ass'y. (3 Spool) (Inc. Items 1&2, 4-21 ex. 6,10&16) | 1 | |

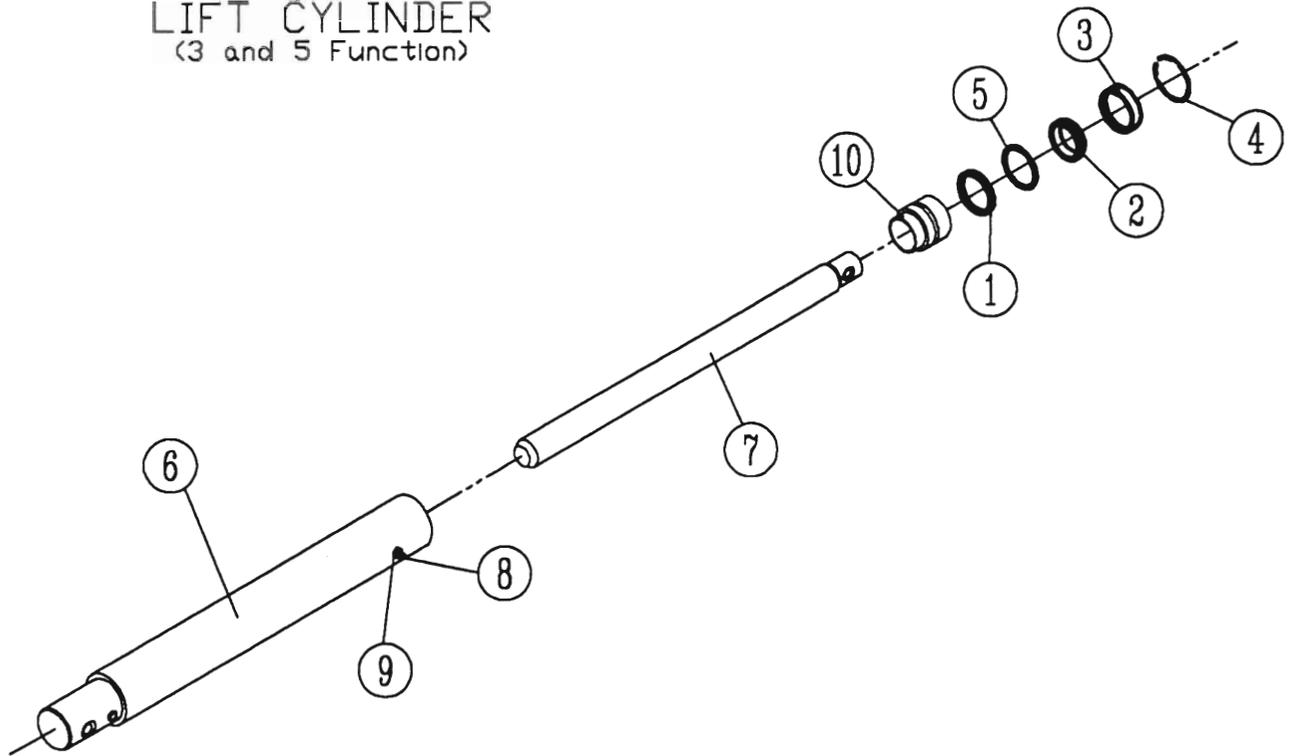
MODEL 8827 TWIN
 MAIN CYLINDER
 (3 and 5 Function)



No. Req'd.

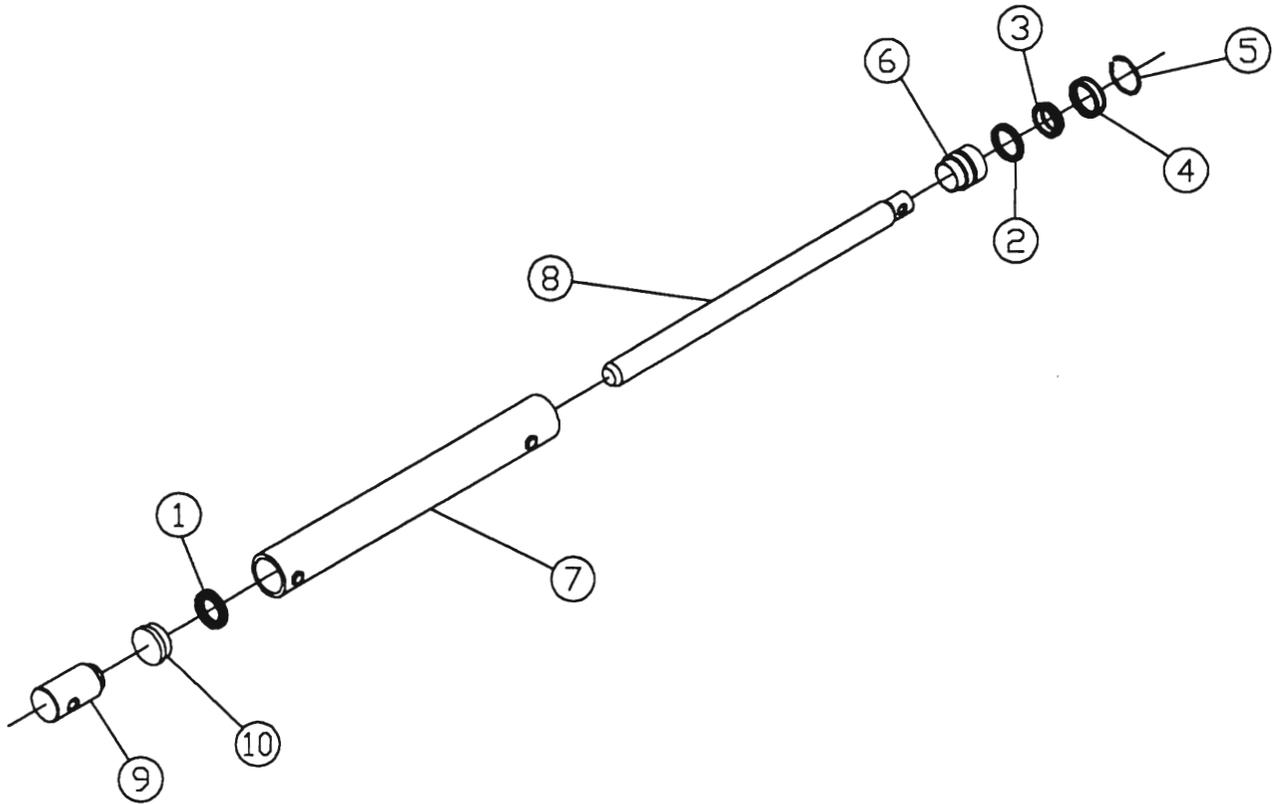
| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|--------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 81529 | 77-005-88 | Lock Nut 7/8-14 | 1 | 1 |
| 2 | 81541 | 77-007-88 | Piston Seal | 1 | 1 |
| 3 | 81532 | 77-012-88 | Static Seal | 1 | 1 |
| 4 | 81531 | 77-011-88 | Static Seal | 1 | 1 |
| 5 | 81533 | 77-009-88 | Rod Seal | 1 | 1 |
| 6 | 81534 | 77-013-88 | Rod Wiper | 1 | 1 |
| 7 | 81546 | 77-003-88 | Hydraulic Fluid Line | 1 | 1 |
| 8 | 81540 | 77-006-88 | Piston Head | 1 | 1 |
| 9 | 81528 | 77-008-88 | Piston Rod | 1 | 1 |
| 10 | 82563 | 77-010-88 | Piston Gland | 1 | 1 |
| 11 | 81553 | 77-014-88 | Snap Ring | 1 | 1 |
| 12 | 81526 | 77-004-88 | Cylinder Barrell | 1 | 1 |
| 13 | 82562 | 77-015-88 | Cylinder Cap | 1 | 1 |
| 14 | 82103 | 79-006-88 | Teflon Bushing | 4 | 4 |
| 15 | 82104 | 79-011-88 | All Thread Stud 1/2-13NC | 4 | 4 |
| 16 | | 1012-1600 | Jam Nut 1/2-13NC | 4 | 4 |
| 17 | | 96-029-88 | Tube Guide | 1 | 1 |
| 18 | | 96-030-88 | By-Pass Coupling | 1 | 1 |
| 19 | 81550 | 72-001-88 | Seal Kit | 1 | 1 |

MODEL 8827 TWIN
LIFT CYLINDER
(3 and 5 Function)



| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|---------------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 81531 | 77-031-88 | Static Ring | 1 | 1 |
| 2 | 87316 | 77-032-88 | Rod Seal | 1 | 1 |
| 3 | 87317 | 77-033-88 | Wiper | 1 | 1 |
| 4 | 81553 | 77-034-88 | Snap Ring | 1 | 1 |
| 5 | 81532 | 77-030-88 | Backup 'O' Ring | 1 | 1 |
| 6 | 87300 | 77-027-88 | Cylinder Barrell | 1 | 1 |
| 7 | 87301 | 77-029-88 | Piston Rod | 1 | 1 |
| 8 | 51554 | 77-016-88 | 5/16-18NC x 5/8 Long Stud | 1 | 1 |
| 9 | | 0912-1800 | 5/16-18NC Steel Lock Nut | 1 | 1 |
| 10 | 87302 | 77-037-88 | Piston Gland | 1 | 1 |
| 11 | 87315 | 72-003-88 | Seal Kit | 1 | 1 |

MODEL 8827 TWIN
 SWING CYLINDER
 (3 and 5 Function)

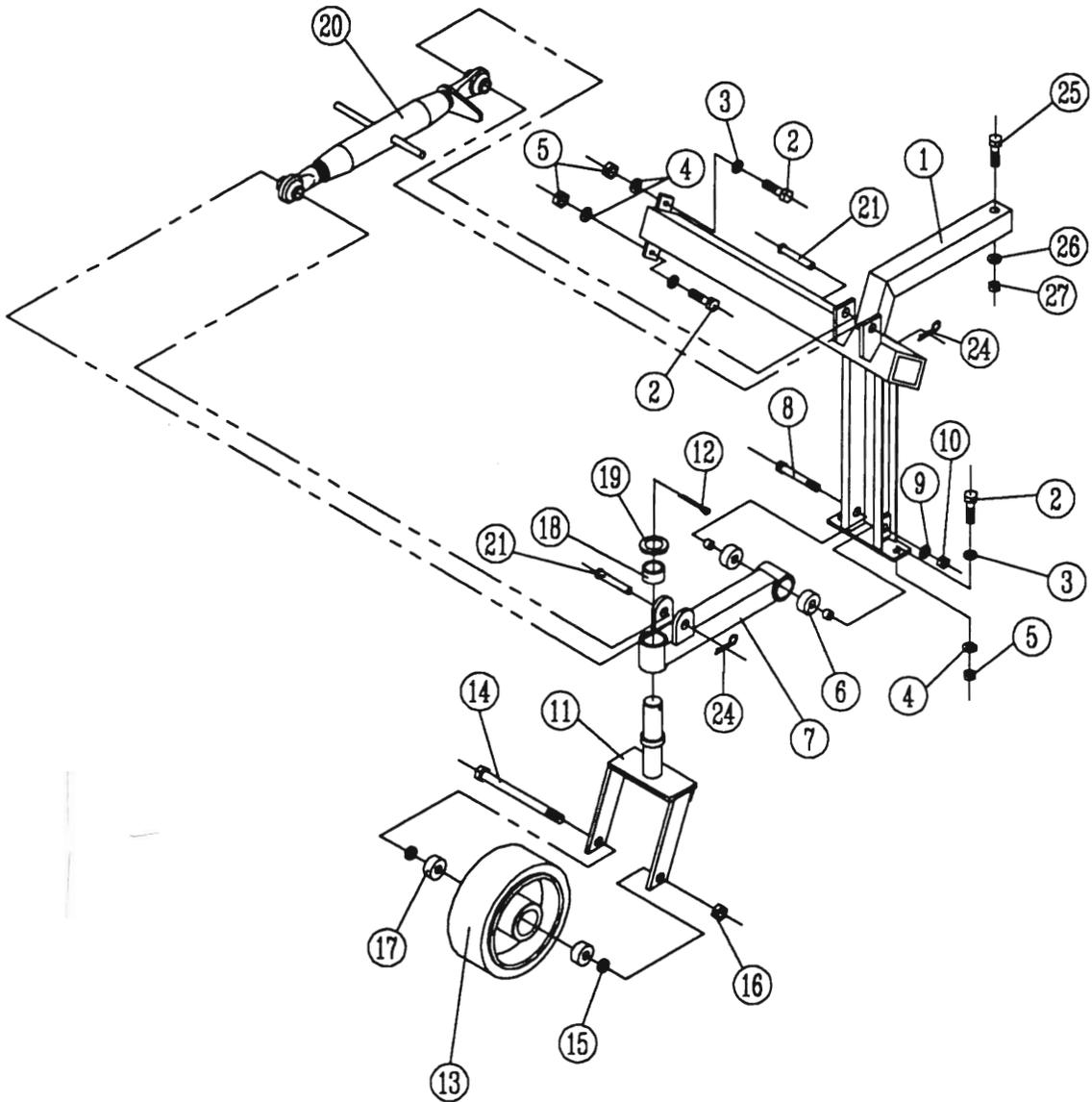


No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|------------------|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 81505 | 77-028-88 | Piston Seal | 1 | 1 |
| 2 | 81509 | 77-031-88 | Static Seal | 1 | 1 |
| 3 | 81510 | 77-032-88 | Rod Seal | 1 | 1 |
| 4 | 81511 | 77-033-88 | Wiper | 1 | 1 |
| 5 | 81512 | 77-034-88 | Snap Ring | 1 | 1 |
| 6 | 81508 | 77-030-88 | Piston Gland | 1 | 1 |
| 7 | 81502 | 77-027-88 | Cylinder Barrell | 1 | 1 |
| 8 | 81503 | 77-029-88 | Piston Shaft | 1 | 1 |
| 9 | | 96-027-88 | Barrell Butt | 1 | 1 |
| 10 | | 96-028-88 | Plug Piston Stop | 1 | 1 |
| 11 | 81551 | 72-002-88 | Seal Kit | 1 | 1 |

OPTIONAL GAUGE WHEEL

MODEL 8827 TWIN
GAUGE WHEEL
(3 and 5 Function)



Gauge Wheel Assembly

No. Req'd.

| Ref. No. | Allen No. | Harrell No. | Description | No. Req'd. | |
|----------|-----------|-------------|--|------------|------------|
| | | | | 3 Function | 5 Function |
| 1 | 87800 | 84-014-88 | Main Frame | 1 | 1 |
| 2 | 77128 | 2816-1612 | Hex Head Cap Screw 1/2" x 1 1/4" | 5 | 5 |
| 3 | | 1702-1600 | Flat Washers 1/2" SAE | 3 | 3 |
| 4 | | 1602-1600 | Lock Washers 1/2" SAE | 5 | 5 |
| 5 | | 0812-1600 | Hex Nuts 1/2" NC | 5 | 5 |
| 6 | 77069 | 77-052-88 | Sealed Ball Bearing | 2 | 2 |
| 7 | 82801 | 84-013-88 | Pivot Tube | 1 | 1 |
| 8 | | 2816-2450 | Hex Head Cap Screw 3/4" x 5" | 1 | 1 |
| 9 | | 1702-2400 | Flat Washer 3/4" SAE | 2 | 2 |
| 10 | | 0912-2400 | Lock Nut 3/4" NC | 1 | 1 |
| 11 | 82802 | 85-020-88 | Yoke | 1 | 1 |
| 12 | | 79-089-88 | Cotter Pin 1/4" x 3" | 1 | 1 |
| 13 | 82803 | 84-015-88 | Tire & Rim Assembly | 1 | 1 |
| 14 | | 2816-2480 | Hex Head Cap Screw 3/4" x 8" | 1 | 1 |
| 15 | | 1702-2400 | Flat Washer 3/4" SAE | 2 | 2 |
| 16 | | 0912-2400 | Lock Nut 3/4" NC | 1 | 1 |
| 17 | 77116 | 79-088-88 | Sealed Ball Bearing | 2 | 2 |
| 18 | 82804 | 94-032-88 | Bronze Bushing | 2 | 2 |
| 19 | 82805 | 93-081-88 | Spacer | 1 | 1 |
| 20 | 76188 | 79-022-88 | Angle Adjusting Arm | 1 | 1 |
| 21 | | 79-082-88 | Clevis Pin 3/4" x 3 1/4" | 2 | 2 |
| 22 | 87806 | 84-016-88 | Complete Gauge Wheel Ass'y. Right Front & Left Rear | 2 | 2 |
| 23 | 87807 | 84-017-88 | Complete Gauge Wheel Ass'y. Right Rear & Left Front | 2 | 2 |
| 24 | | 79-043-06 | Hair Pin Clip | 2 | 2 |
| 25 | | 2816-2030 | Hex Head Cap Screw 5/8" x 3" Gr. 5 | 1 | 1 |
| 26 | | 1702-2000 | Flat Washer 5/8" SAE | 2 | 2 |
| 27 | | 0912-2000 | Lock Nut 5/8" NC | 1 | 1 |

LMC

RETURNS AND CREDIT POLICY

SECTION 1-RETURNS

LMC will not accept any returns without a Return Authorization Number (RAN). These numbers may be obtained by calling our Sales or Parts Departments at LMC Donalsonville GA. (888) 459-9615. The item Number, Quantity and the Reason for Return must be given when a (RAN) is requested.

Any return must be accompanied with a copy of the invoice or it will be deemed unreturnable and no credit will be will be issued.

Returns handled in the following ways may result in items being returned to you and your account billed for freight charges:

- 1. No Return Authorization Number (RAN)**
- 2. No copy of the Invoice attached.**
- 3. Return of a Special Order item without prior verbal or written consent.**

Returns handled properly may be credited subject to to the following.

- 1. Standard Stock items returned may be subject to a 20% restocking fee.**
- 2. Non-Stock items returned may be subject to a 30% restocking fee.**
- 3. Special Order items returned may be subject to 50% restocking fee.**
- 4. Items returned that are older than (6) six months past invoice date are subject to an extra 10% restocking charge.**
- 5. No items will be accepted for returns that are older than (1) one year past invoice date.**

SECTION II - CREDITS

LMC has implemented the following Credit Policy

- 1. Mis-Shipments-If reported 10 days of Ship Date, your invoice will be credited when the item has been returned properly.**
- 2. Damaged Goods-If reported within 10 days of Ship Date, items will be replaced or repair parts will be shipped, a claim will be issued to the freight company.**
- 3. Defective Goods-If reported within 10 days of Ship Date, items will be replaced or repaired at no cost to the customer when our vendor has determined the items defective.**
- 4. Shipment Shortage-If reported within 10 days of Ship Date, the items will be sent pre-paid at no cost the customer.**
- 5. Shipment Shortage/Preseason-If reported within 30 days of Ship Date, the items will be sent pre-paid or at no charge to the customer.**
- 6. Price Discrepancies-If reported within 5 days of the receipt of invoice, the issue will be subject to review until all differences are reconciled**
- 7. Overstock/Return Credit-See Section I (Returns)**

LMC

WARRANTY REQUEST AND PROCEDURE

1. The Warranty Registration Card must be completely filled out by the retailing dealer or user, then mailed to LMC. This information is kept on file and referenced to by unit serial number and the date the unit was retailed.

This registration card must be on file before Warranty consideration can be given.

2. To file A Warranty Claim:

A: Call LMC at (800-332-8232) to obtain a Warranty Request Number. The parts department can issue this number. *Ask for Christi Cleveland*

B: Completely fill out a warranty request form and fax it or mail it to LMC P.O. Box 428, Donalsonville, GA. 39845 (Fax# 1-229-524-2531).

C: All Warranty Request Forms must be accompanied by pictures of failed parts. Pictures can be sent with form and or e-mailed to *(Christi.cleveland@lmcarter.com)*

D: Some parts will require inspection by our staff or vendors before warranty is Approved. Our parts department will advise if these parts need to be sent back or discarded.

E: Returned parts must be accompanied with a complete copy of the Warranty Claim.

3. Parts not manufactured by LMC Must be approved by our vendors before Warranty Credit is issued.

4. When warranty claim is approved, a credit memo will be issued and the customer account will be credited accordingly.

5. When warranty claim is denied, it will be sent back to dealer with an explanation.

6. Warranty applications will not be considered if:

-All request information is not supplied.

-The warranty request received is received more than 30 days after failure.

-LMC or our vendor's inspection indicates the machine or parts were operated with insufficient lubrication, were abused, or had improper maintenance.

-Parts needed for inspection not returned.

-Parts, when returned are not clearly tagged with RAN and part number.

Attn: ..

WARRANTY

LMC, as manufacturer, warrants its products against defective parts in workmanship and material, for a period of twelve consecutive months from the date of retail to the original purchaser, but does not warrant in any way other attachments or accessories manufactured by other companies which may be attached to and therefore becoming a part of the product manufactured and sold by **LMC**, such as other attachments and accessories are in general covered by the warranty or warranties of the company which manufactured them.

Under no circumstances will it cover any merchandise or components thereof, which, in the opinion of the company, has been subjected to misuse, unauthorized modifications, alterations, an accident or if repairs have been made with parts other than those obtained through **LMC**.

LMC in no way warrants engines, batteries, tires, electronics, or trade accessories since their respective manufacturer warrants these items separately.

Our obligations under this warranty shall be limited to repairing or replacing, free of charge to the original purchaser, any part that, in our judgement, shall show evidence of such defect, provided further that such part shall be returned within thirty (30) days from date of failure to **LMC**, routed through the dealer and distributor from whom the purchase was made, *transportation charges prepaid*.

This warranty shall not be interpreted to render **LMC** liable for injury or damages of any kind or nature to person or property. This warranty does not extend to the loss of crops, loss of production, loss because of delay in harvesting, or any expense or loss incurred for labor, substitute machinery, rental or for any other reason.

Except as set forth above, **LMC shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. LMC makes no other warranty, expresses or implied, and, specifically, LMC disclaims any implied warranty or merchantability or fitness for a particular purpose. Some states or provinces do not permit limitations or exclusions or implied warranties or incidental or consequential damages, so the limitations or exclusions in this warranty may not apply.**

This warranty is subject to any existing conditions of supply that may directly affect our ability to obtain materials or manufacture replacement parts.

LMC reserves the right to make improvements in design or changes in specifications at any time, without incurring any obligation to owners of units previously sold.

No one is authorized to alter, modify or enlarge this warranty nor the exclusion, limitations and reservations.

Lewis M. Carter Mfg. Co., Inc.
P.O. Box 428
Donalsonville, GA 39845

2003

WARRANTY REGISTRATION CARD

Dealer Name: _____

Customer Name: _____

Address: _____

Product: _____

Model Number: _____ Serial Number: _____

Date Delivered: _____

Did you receive the owner's manual? Yes _____ No _____

Did you receive a copy of warranty? Yes _____ No _____

WARRANTY IS VOID IF CARD IS NOT RETURNED

I have read and fully understand the contents of this manual and am familiar with the operation procedures of this product.

Customer Signature _____ Dealer Signature _____

CORRECT
POSTAGE
REQUIRED

Lewis M. Carter Mfg. Co. Inc.
P.O. Box 428
Donalsonville, GA 31745

Warranty Department

