

# PARTS BOOK

RM7117

ROLLER MIXER

**Part #90265**

**Rev. #03**

**HSMFG071724**

**Starting Ser. # 521RM71001**



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# INSTRUCTIONS FOR ORDERING PARTS

All service parts should be ordered through your authorized H&S dealer. Your Dealership will be able to give you faster service if you will provide them with the following:

1. Model & Serial Number - Both can be located the bottom of front guard.
2. All references to left or right apply to the machine as viewed from the rear.
3. Parts should not be ordered from illustration only. Please order complete part number.
4. If your dealer has to order parts, give shipping instructions:

VIA truck - large pieces (please specify local truck lines)

VIA United Parcel Service (include full address)

|                   |                      |
|-------------------|----------------------|
| H&S MFG. CO. INC. |                      |
| MARSHFIELD, WIS.  |                      |
| MOD. NO.          | <input type="text"/> |
| SER. NO.          | <input type="text"/> |
| DESCR.            | <input type="text"/> |

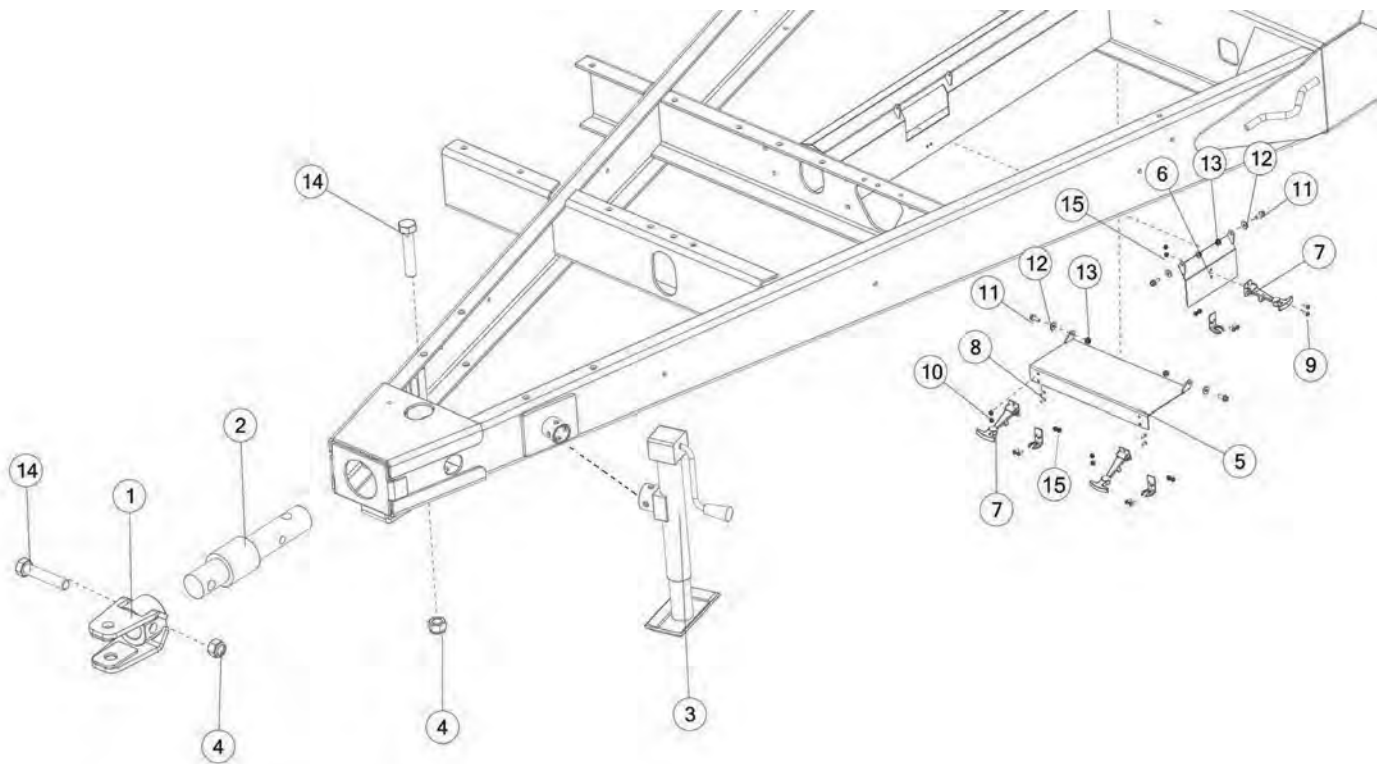
PLEASE RECORD NUMBERS FOR YOUR UNIT FOR QUICK REFERENCE

## ABOUT IMPROVEMENTS

H&S IS CONTINUALLY STRIVING TO IMPROVE ITS PRODUCTS

We must, therefore, reserve the right to make improvements or changes whenever it becomes practical to do so, without incurring any obligation to make changes or additions to the equipment previously sold.

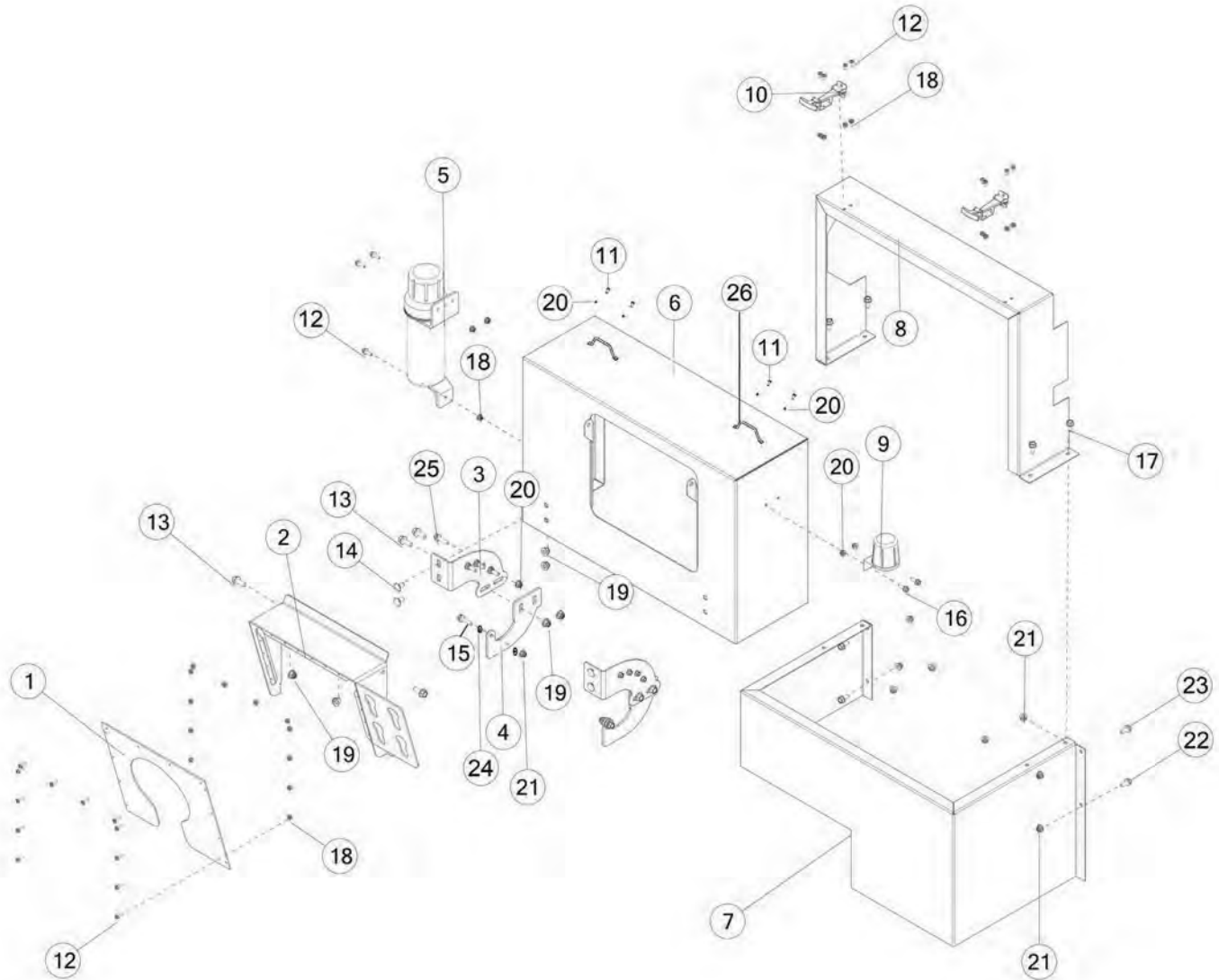






# FIGURE 1

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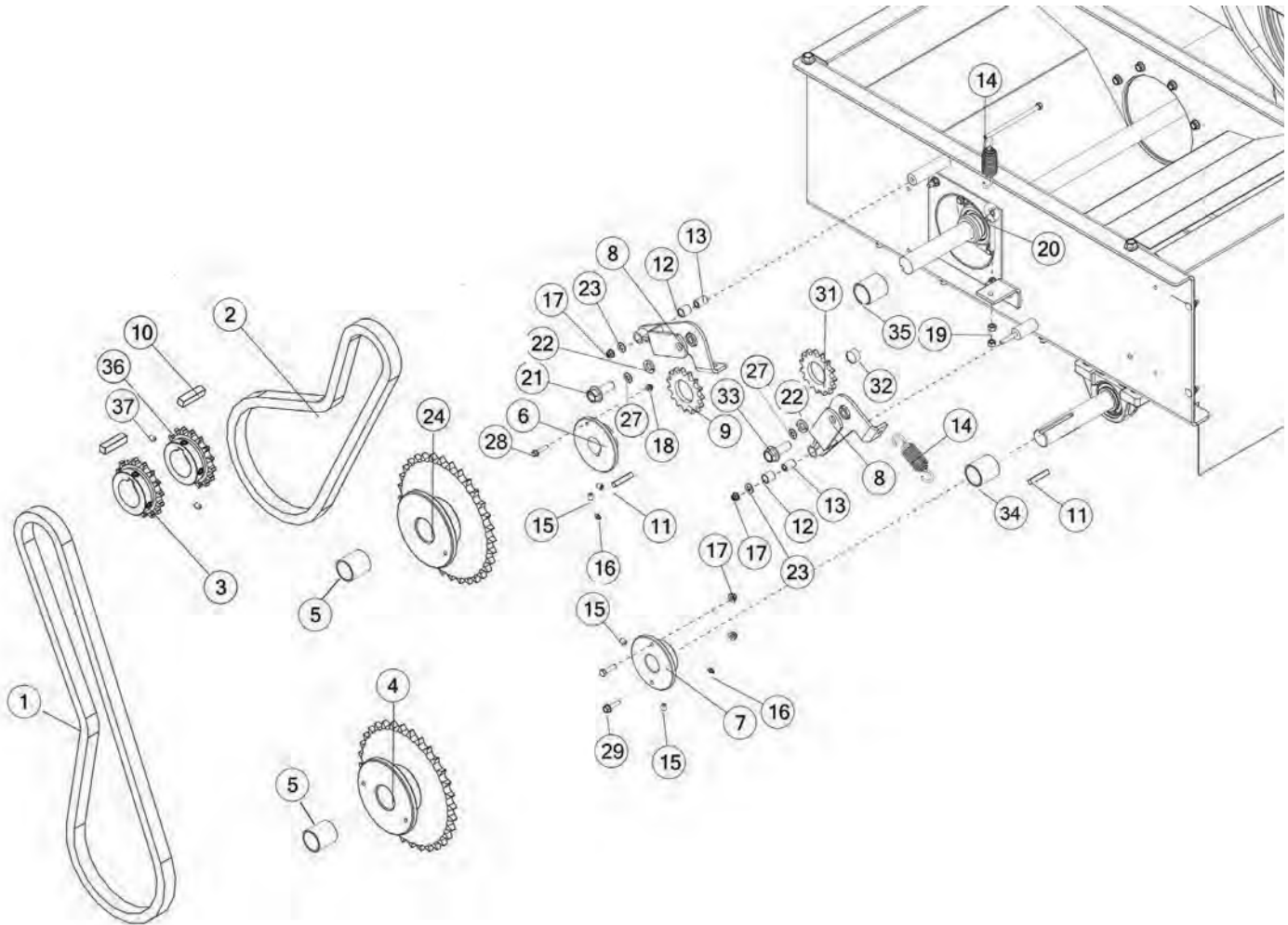



# FIGURE 2

## FRONT SHIELD AND COMPONENTS

| REF # | PART #    | DESCRIPTION                         | QTY |
|-------|-----------|-------------------------------------|-----|
| 1     | 99181     | POLY PTO GUARD                      | 1   |
| 2     | 80606     | SHIELD PTO GUARD                    | 1   |
| 3     | 80608     | SHIELD FRONT HINGE TOP              | 2   |
| 4     | GM529     | SHIELD FRT HNGE BTM, 7 X 4.63 X .19 | 2   |
| 5     | S522      | MANUAL HOLDER                       | 1   |
| 6     | 90056B    | CHAIN SHIELD, FRONT                 | 1   |
| 7     | 90054     | CHAIN SHIELD, LOWER                 | 1   |
| 8     | 90040     | CHAIN SHIELD, BACK                  | 1   |
| 9     | CHM38     | PLUG STORAGE                        | 1   |
| 10    | X233      | 079-0101 LATCH ASSEMBLY             | 2   |
| 11    | YBHH08100 | BOLT HEX, 1/4 X 3/4 G5              | 4   |
| 12    | YSPN64005 | MACHINE PPHS, #10-24 X 5/8 ZINC     | 12  |
| 13    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5             | 4   |
| 14    | YBCR12065 | BOLT CARRIAGE, 3/8-16 X 3/4 G5 ZC   | 4   |
| 15    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5        | 10  |
| 16    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5           | 5   |
| 17    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5          | 8   |
| 18    | YNNY64006 | NUT, HEX, 10-32, SS                 | 27  |
| 19    | YNFG12006 | NUT FLANGE, 3/8 GF                  | 10  |
| 20    | YNFG08010 | NUT FLANGE, 1/4 GF                  | 7   |
| 21    | YNFG10005 | NUT FLANGE, 5/16 GF                 | 18  |
| 22    | YBFB10001 | BOLT FLANGE, 5/16 X 1 G5            | 3   |
| 23    | YBFB10175 | BOLT FLANGE, 5/16 X 1-3/4 G5        | 1   |
| 24    | YWFL10005 | WASHER, FLAT, 5/16                  | 6   |
| 25    | YBCR12010 | BOLT CARRIAGE, 3/8 X 1 G5           | 4   |
| 26    | TS96      | SHIELD HANDLE                       | 2   |
|       |           |                                     |     |
|       |           |                                     |     |
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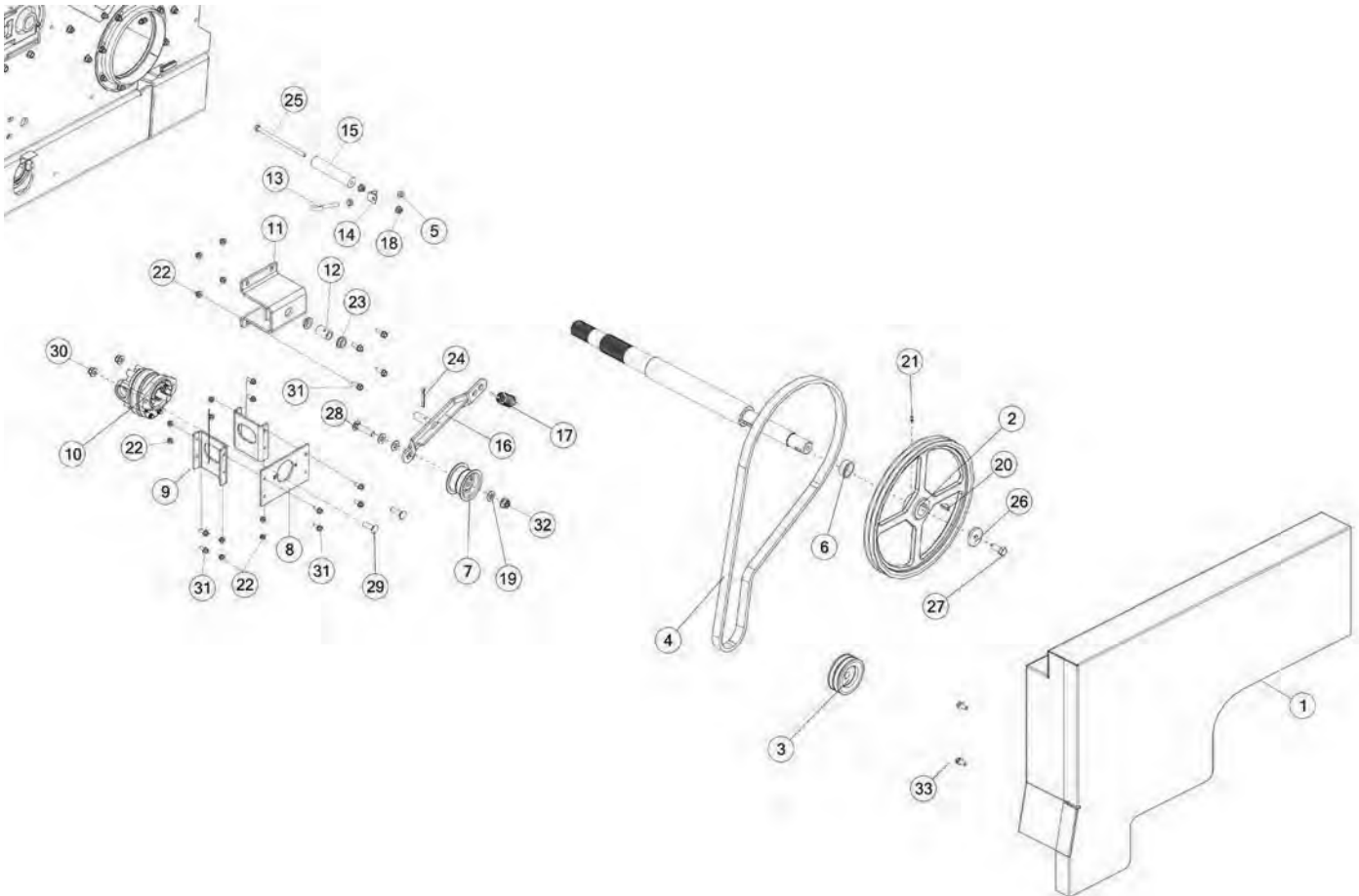






| REF # | PART #    | DESCRIPTION                                | QTY |
|-------|-----------|--------------------------------------------|-----|
| 1     | 99181     | ROLLER CHAIN, #60-2 86P                    | 1   |
| 2     | 84939     | ROLLER CHAIN, 60 X 67                      | 1   |
| 3     | 81461     | SPROCKET, 60, B, 16, 1-15/16               | 1   |
| 4     | 98873     | DOUBLE SPROCKET, 32                        | 1   |
| 5     | 99092     | BRONZE BUSHING, 1-1/2 X 2-13/16            | 1   |
| 6     | 87390     | BACK SHEAR HUB                             | 1   |
| 7     | 84809     | SINGLE SPROCKET, 35                        | 1   |
| 8     | 82207     | TENSIONER BRKT, CHAIN                      | 1   |
| 9     | GM251     | MAIN DRIVE IDLER                           | 1   |
| 10    | BBS59     | SQUARE KEY, 1/2 X 2                        | 2   |
| 11    | 68856     | SQUARE KEY, 3/8 X 1-1/4                    | 2   |
| 12    | GM296     | IDLER PIVOT BUSHING, 3/4 OD X 5/8 ID X 3/4 | 2   |
| 13    | GM299     | TUBE, RD, TENSIONER PIVOT                  | 2   |
| 14    | GM410     | EXTENSION SPRING                           | 2   |
| 15    | YSSO12005 | SET SCREW, SOCKET, 3/8-16 X 1/2            | 4   |
| 16    | G89       | STRAIGHT ZERK, 1/4-28                      | 2   |
| 17    | YNFG10005 | NUT FLANGE, 5/16 GF                        | 4   |
| 18    | YNHX12005 | NUT HEX, 3/8 G2                            | 1   |
| 19    | YNHX12004 | NUT HEX, 3/8-16 NA G2 NF                   | 2   |
| 20    | YBWE12100 | BOLT WELDED EYE, 3/8-16 X 3 ZC             | 1   |
| 21    | YBFB20175 | BOLT FLANGE, 5/8 X 1-3/4 G5                | 1   |
| 22    | YWLO20010 | WASHER LOCK, 5/8 G8 YELLOW ZINC            | 2   |
| 23    | YWFL12010 | WASHER FLAT, 3/8 SAE G8 YELLOW ZINC        | 2   |
| 24    | 87393     | SINGLE SPROCKET, 32                        | 1   |
| 25    | 84211     | SINGLE SPROCKET, 32                        | 1   |
| 26    | 89750     | BRONZE BUSHING, 1-1/2 X 1-7/8              | 2   |
| 27    | YWFL20010 | WASHER FLAT, 5/8 G8                        | 2   |
| 28    | YBFB08125 | BOLT FLANGE, 1/4 X 1-1/4 G5                | 1   |
| 29    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5               | 2   |
| 30    | 99166     | TENSIONER BRACKET                          | 1   |
| 31    | 99110     | DOUBLE SPROCKET, 15                        | 1   |
| 32    | 99108     | BEARING, .64                               | 1   |
| 33    | YBFB20300 | BOLT FLANGE, 5/8 X 3 G5                    | 1   |
| 34    | 99187     | SPACER                                     | 1   |
| 35    | 99188     | SPACER                                     | 1   |
| 36    | 99174     | DOUBLE SPROCKET, 16                        | 1   |
| 37    | YSKP12010 | SCREW SOCKET HEAD, 3/8 X 1/2               | 2   |
|       |           |                                            |     |





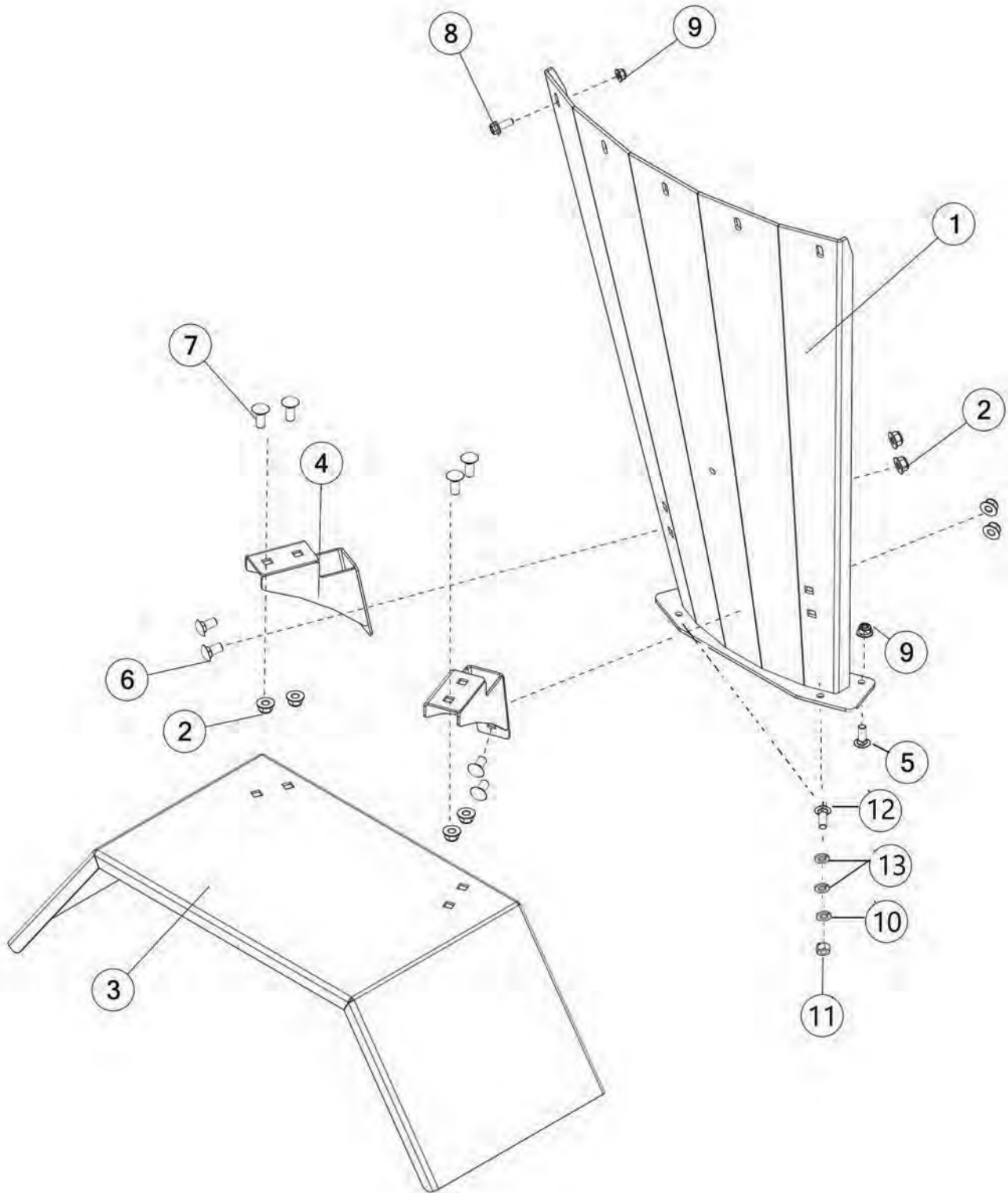


## FIGURE 4

### ROLLER CHAIN AND COMPONENTS

| REF # | PART #    | DESCRIPTION                          | QTY |
|-------|-----------|--------------------------------------|-----|
| 1     | 84868     | SHIELD BELT, ROLLER                  | 1   |
| 2     | 56635     | SHEAVE 2AK154, 1.375 SHAFT           | 1   |
| 3     | 88022     | BELT PULLEY                          | 1   |
| 4     | 81621     | BELT                                 | 1   |
| 5     | YNHX10005 | NUT HEX, 5/16 G2                     | 2   |
| 6     | 90058     | PULLEY SPACKER, 1.375 X .825         | 1   |
| 7     | K156      | PULLEY, 2.64, .53 BORE               | 1   |
| 8     | 81618     | BRACKET, HYD PUMP                    | 1   |
| 9     | 82225     | PUMP BRACKET, STANDOFF               | 2   |
| 10    | 81560     | HYD PUMP                             | 1   |
| 11    | 84799     | TENSIONER BRKT                       | 1   |
| 12    | 84943     | BUSHING                              | 1   |
| 13    | YBTE10035 | BOLT TURNED EYE, 5/16-18 X 3         | 1   |
| 14    | R26       | SPRING BRACKET                       | 1   |
| 15    | 84852     | SPACER, TENSIONER                    | 1   |
| 16    | 79716     | BELT TENSIONER                       | 1   |
| 17    | GM410     | EXTENSION SPRING                     | 1   |
| 18    | YNFG10005 | NUT FLANGE, 5/16 GF                  | 5   |
| 19    | YWFL16015 | WASHER FLAT, 1/2 G8                  | 3   |
| 20    | G12       | WOODRUFF KEY, 5/16 X 1               | 1   |
| 21    | YSKP10010 | SCREW SOCKET HEAD, 5/16 X 3/8        | 1   |
| 22    | YNFG12006 | NUT FLANGE, 3/8 GF                   | 8   |
| 23    | GM416     | IDLER PIVOT BUSHING                  | 2   |
| 24    | YPCT08005 | COTTER PIN, 1/4 X 1-3/4              | 1   |
| 25    | YBHH10135 | BOLT HEX, 5/16 X 6 G5                | 1   |
| 26    | GM415     | INPUT YOKE WASHER                    | 1   |
| 27    | YBHH16046 | BOLT HEX, 1/2 X 1-1/4 G5 FINE THREAD | 1   |
| 28    | YBCR16023 | BOLT CARRIAGE, 1/2-13 X 2-1/4 G5 ZC  | 1   |
| 29    | YBCR14007 | BOLT CARRIAGE, 7/16-14 X 1-1/2 G5 ZC | 2   |
| 30    | YNFG14011 | NUT FLANGE, 7/16 GF                  | 2   |
| 31    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5          | 8   |
| 32    | YNFG16003 | NUT FLANGE, 1/2 GF                   | 1   |
| 33    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5 ZC           | 6   |
|       |           |                                      |     |
|       |           |                                      |     |
|       |           |                                      |     |

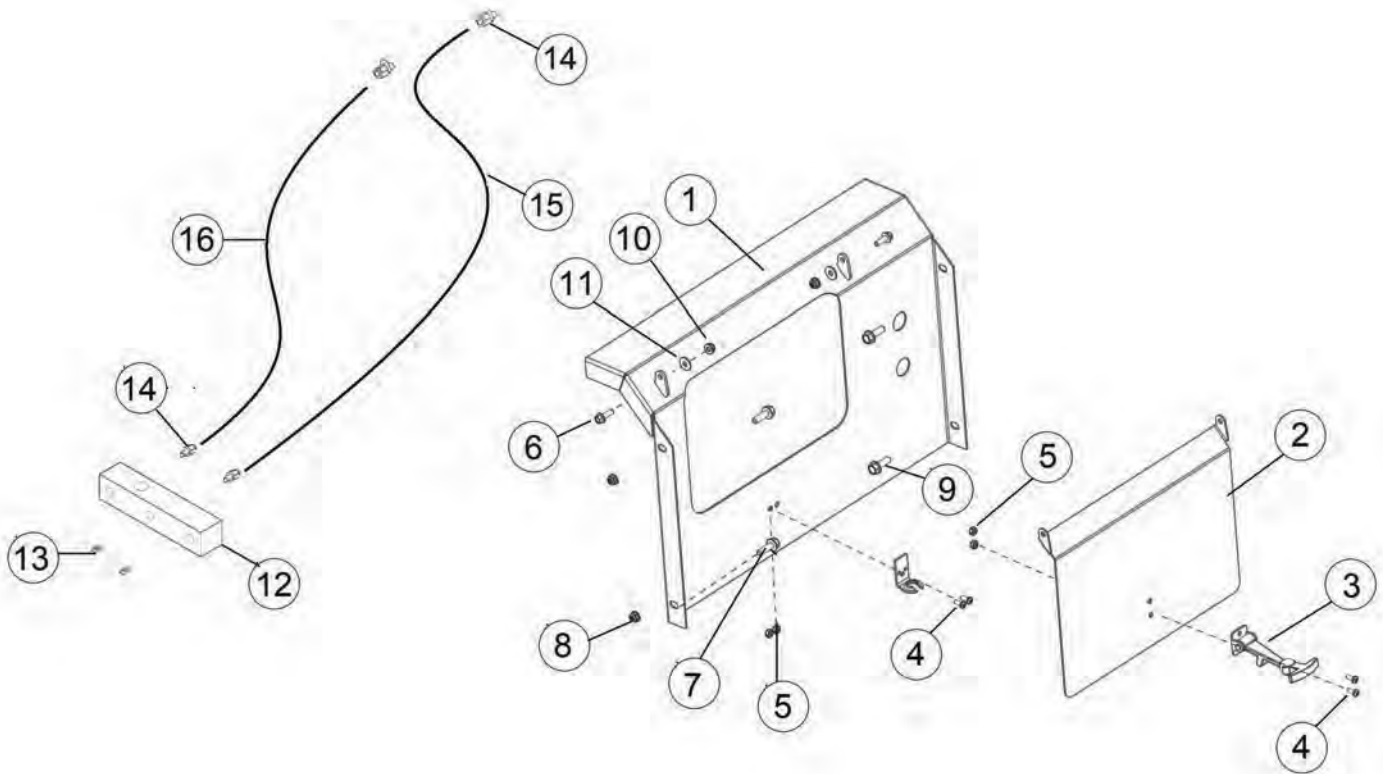






## FIGURE 5

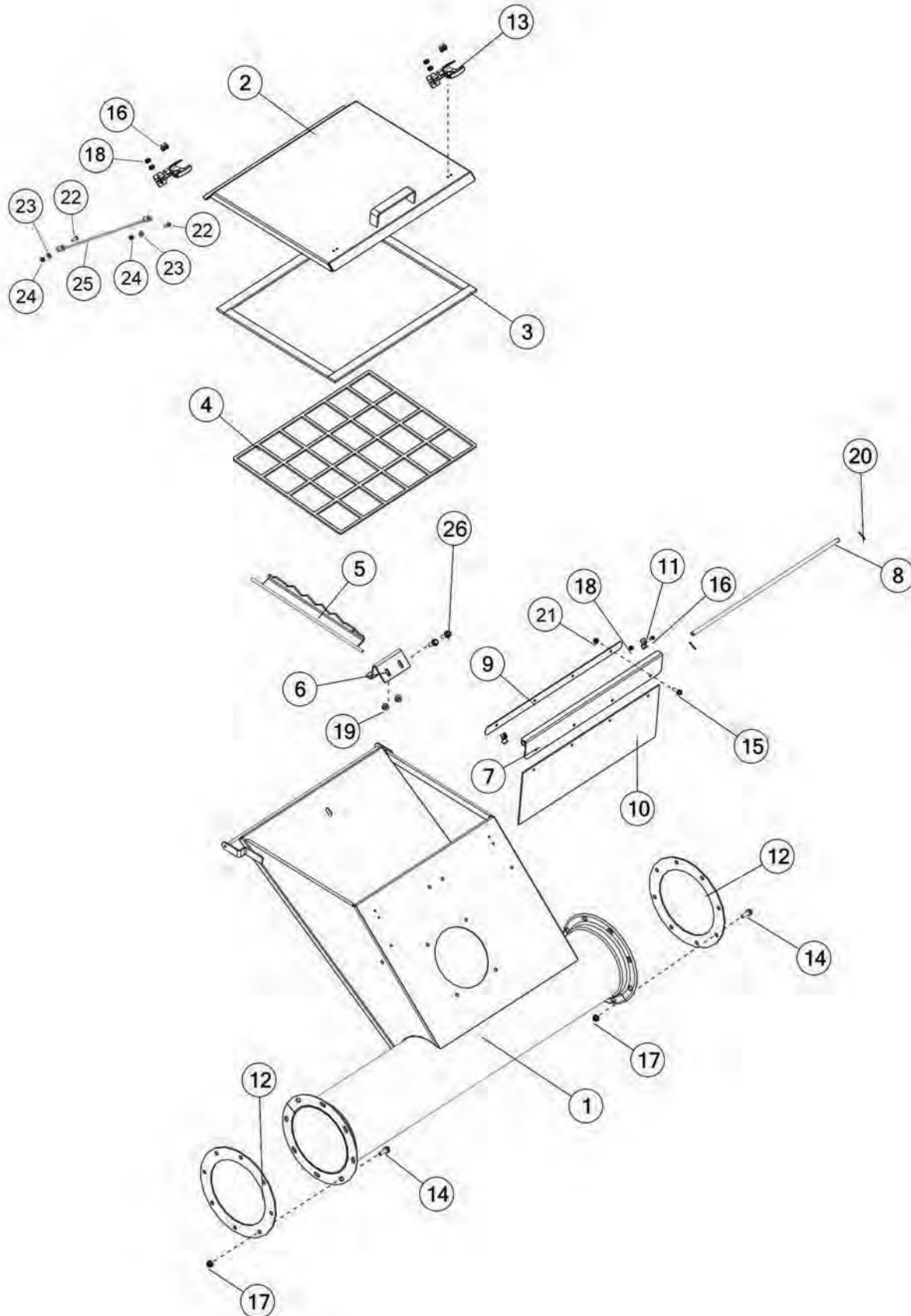
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## FIGURE 6

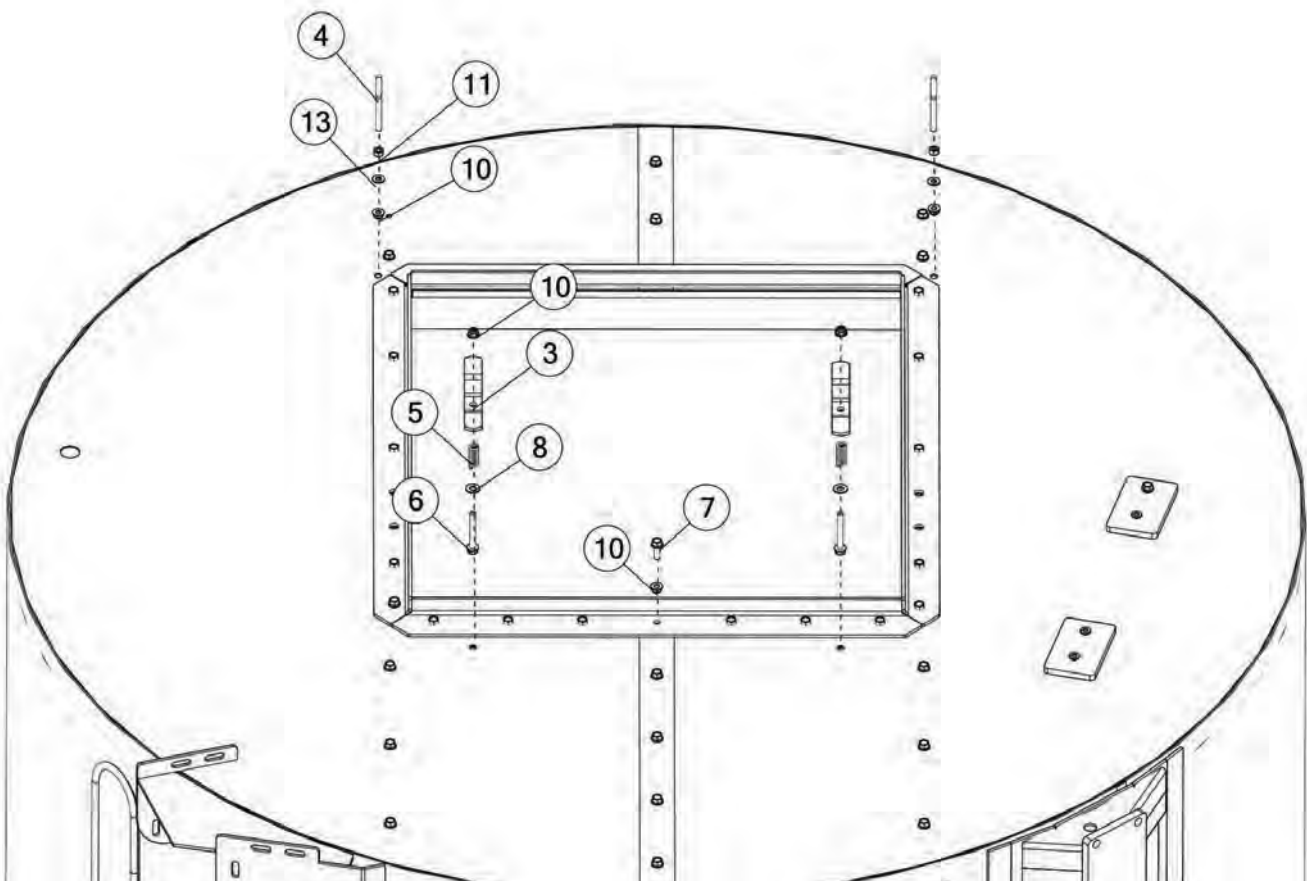
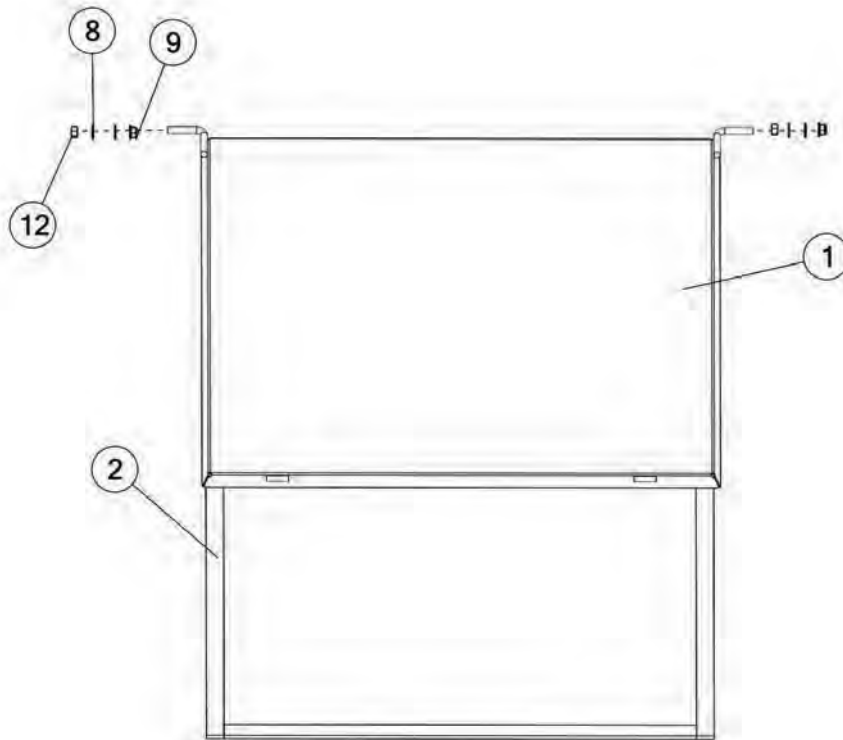
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## FIGURE 7

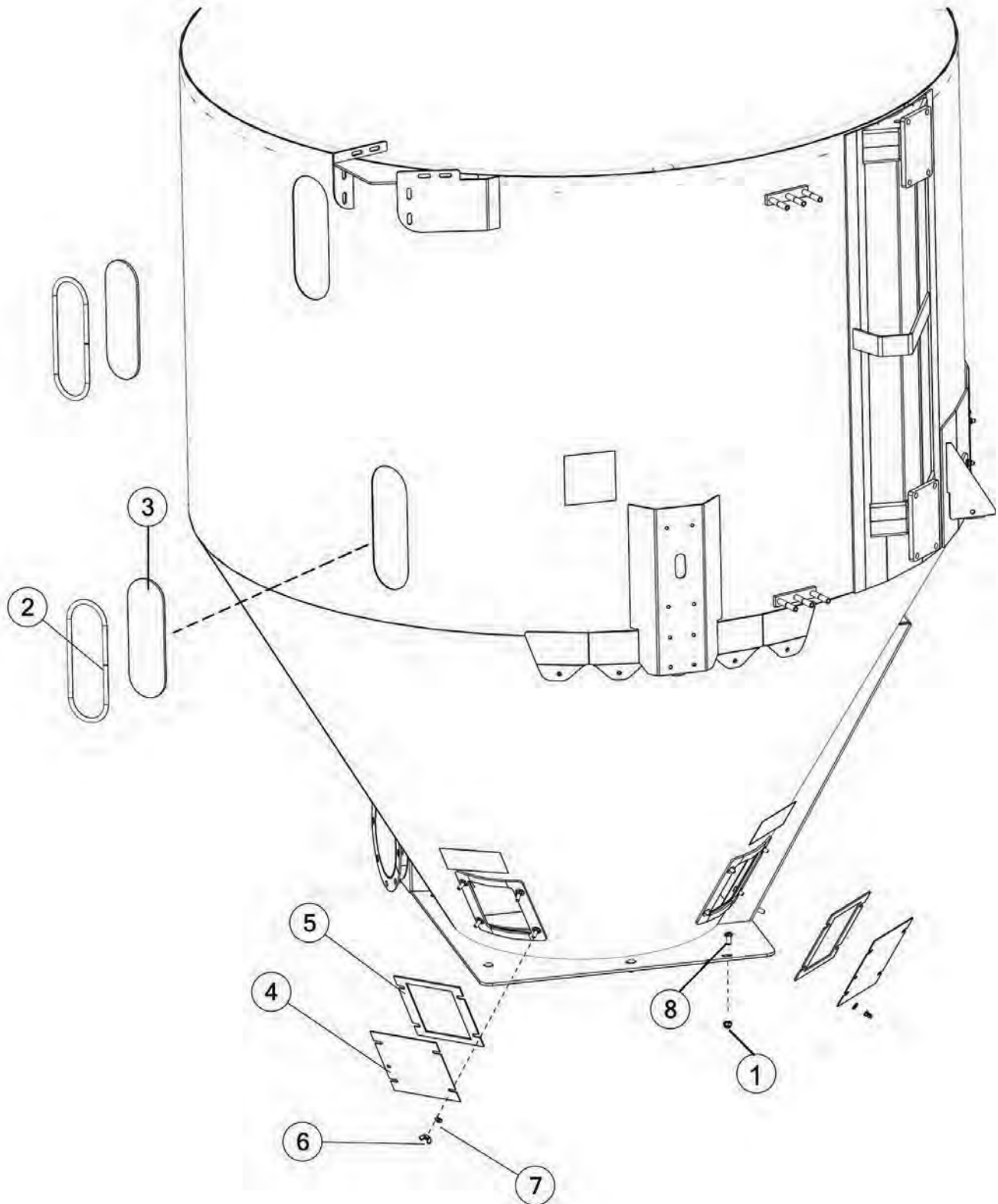
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## FIGURE 8

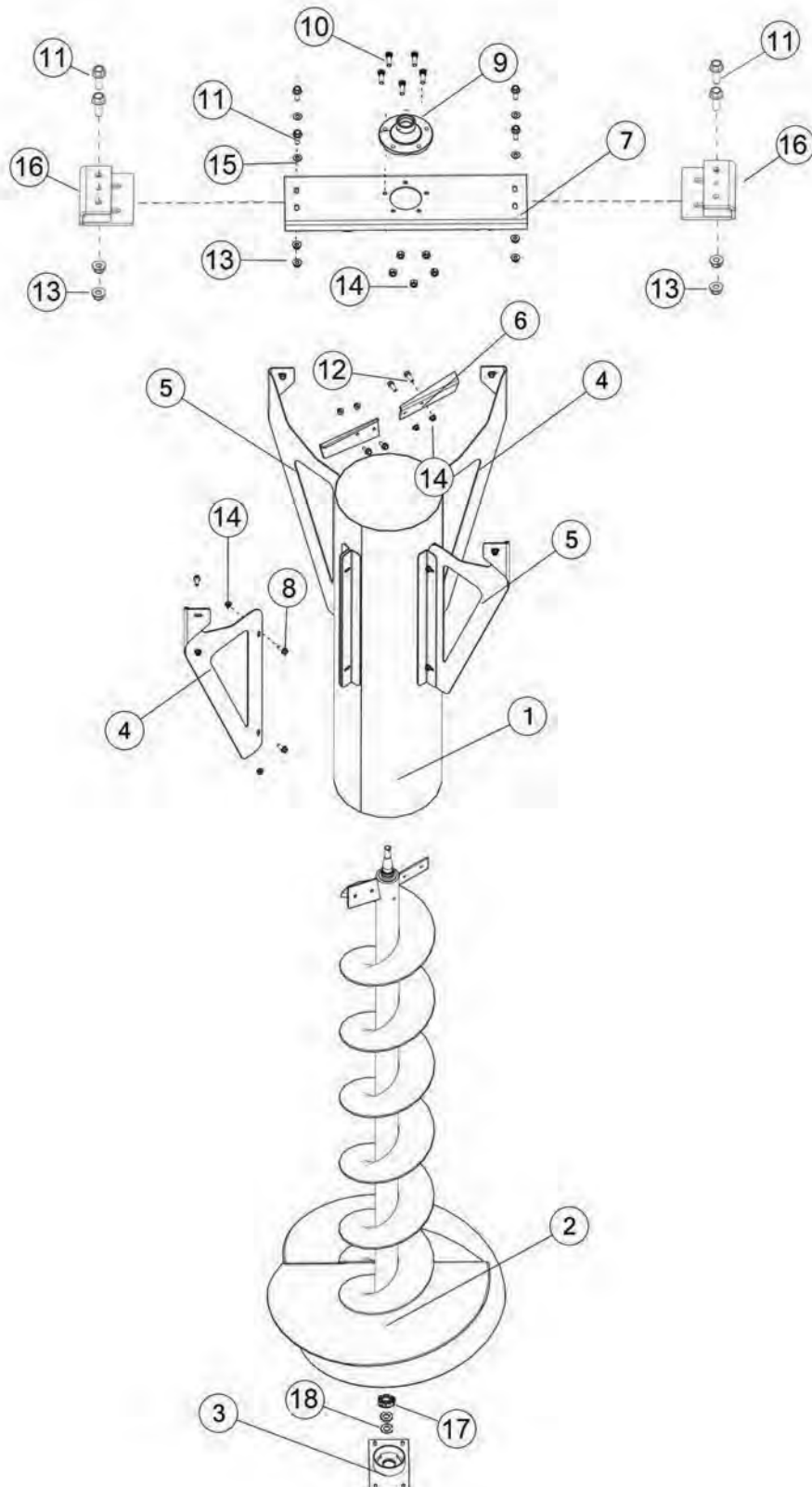
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## FIGURE 9

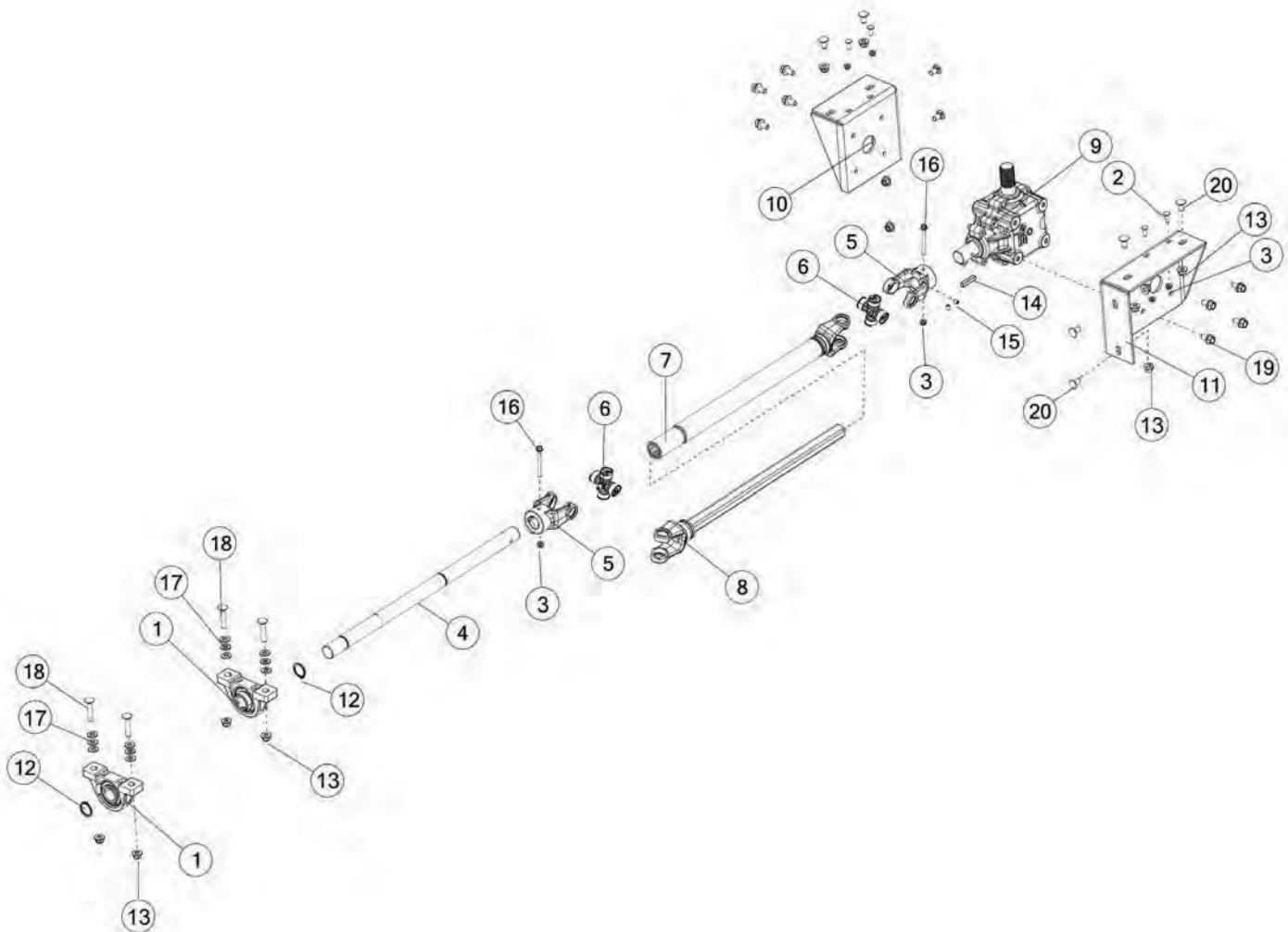
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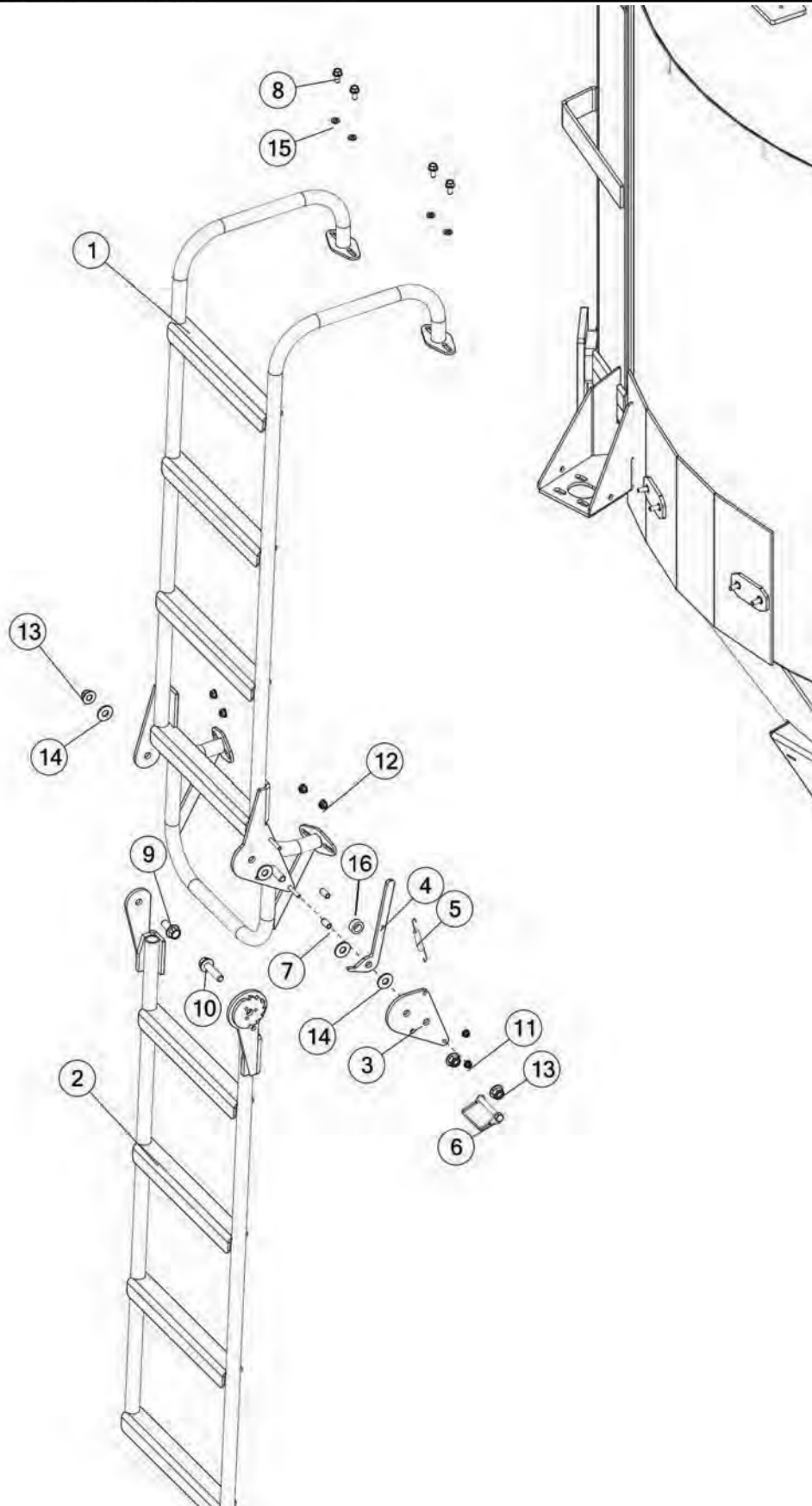


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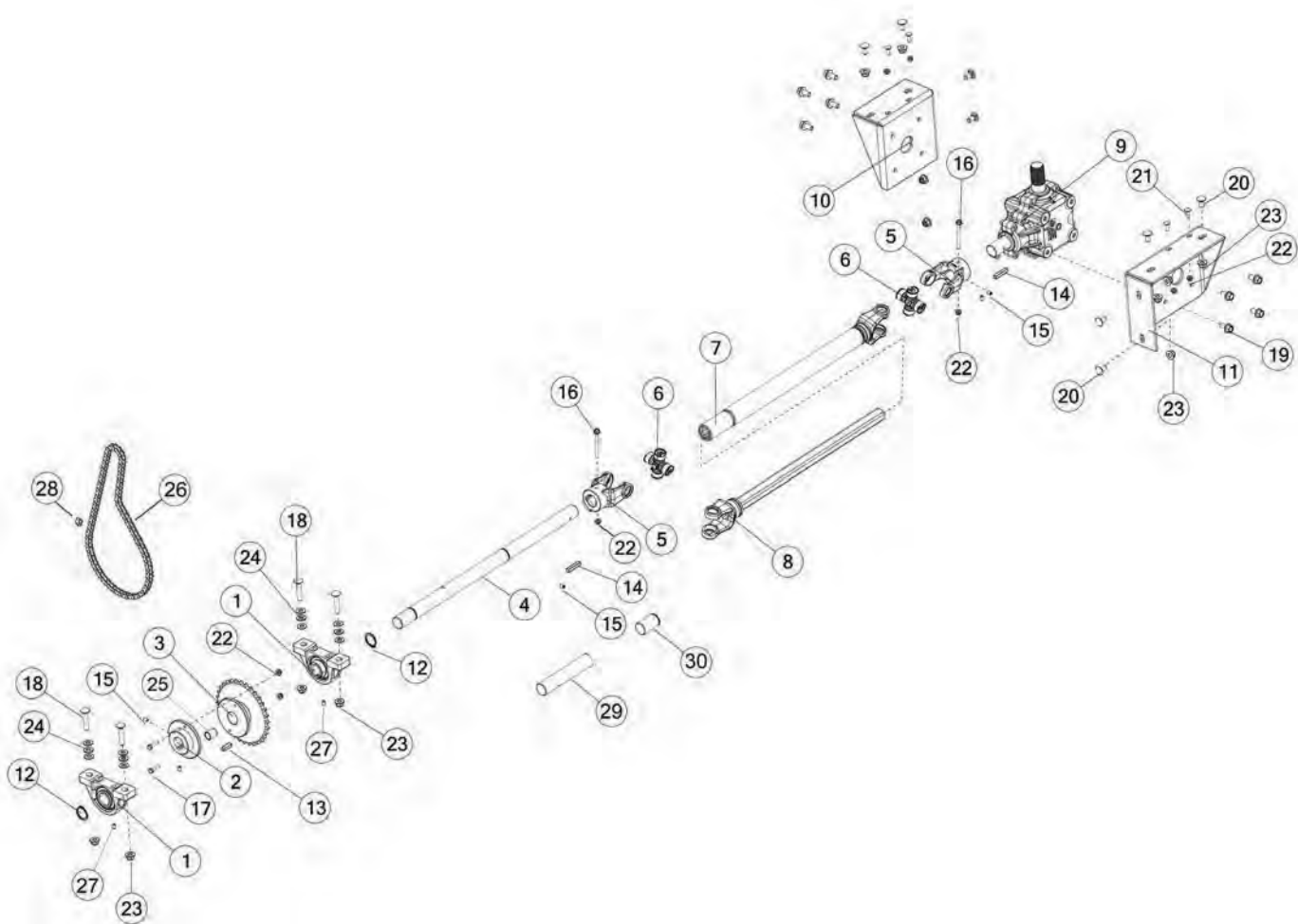
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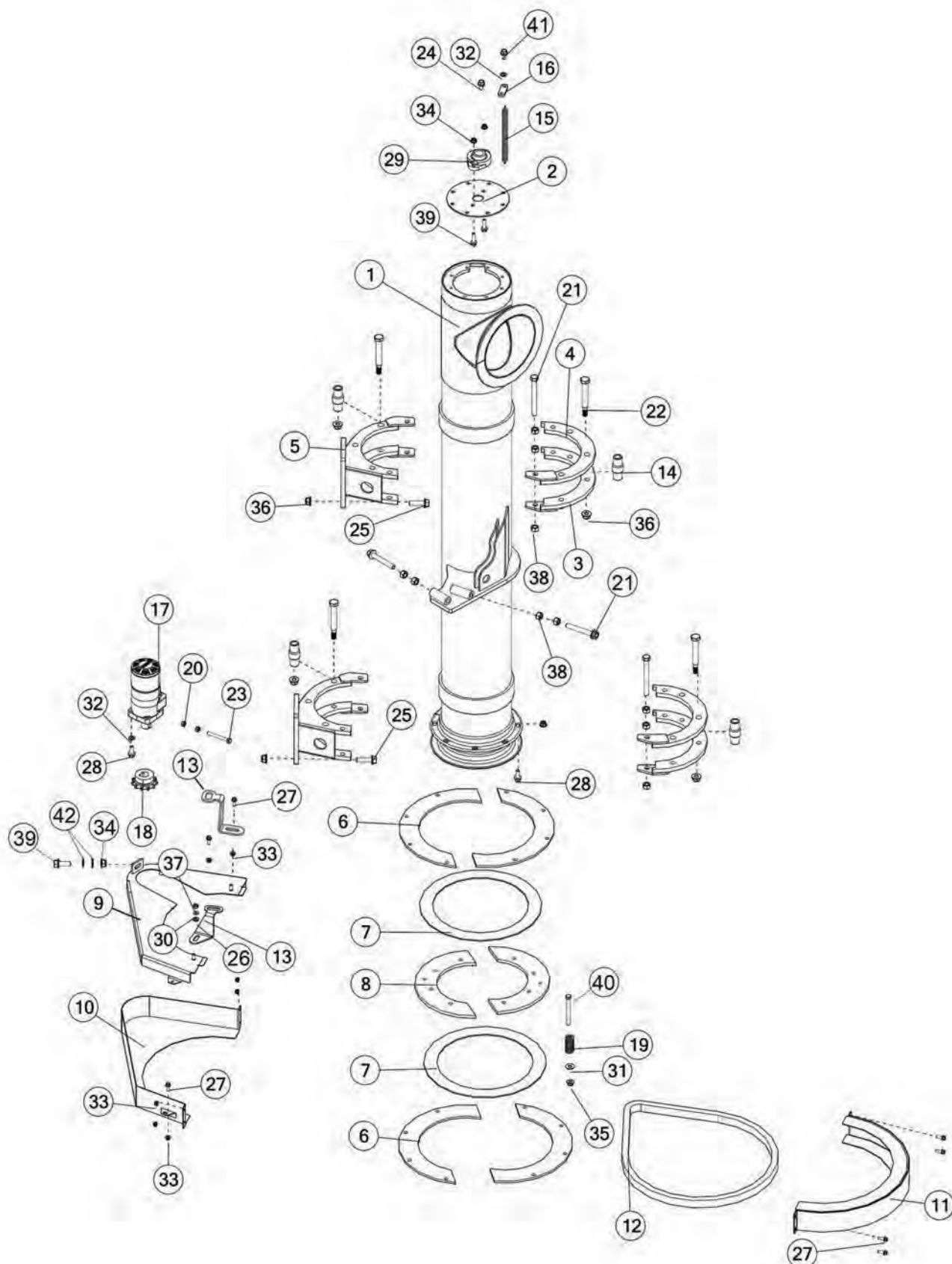


# FIGURE 13

## UNLOADING AUGER AND COMPONENTS

| REF # | PART #    | DESCRIPTION                                    | QTY |
|-------|-----------|------------------------------------------------|-----|
| 1     | 85626B    | UNLOADING AUGER HOUSING                        | 1   |
| 2     | GM245     | AUGER INNER DRIVE CAP                          | 1   |
| 3     | 80542     | UNLOADING AUGER 12FT                           | 1   |
| 4     | 85691     | AUGER LONG BEARING SHAFT                       | 1   |
| 5     | GM243B    | SPOUT                                          | 1   |
| 6     | GM244     | SPOUT RUBBER                                   | 1   |
| 7     | 90816     | SUPPORT BRACKET                                | 1   |
| 8     | 90803     | SUPPORT BRACKET                                | 1   |
| 9     | GM231     | STAGGERED PIVOT COLLAR                         | 4   |
| 10    | GM232     | COLLAR SHIM                                    | 2   |
| 11    | T40       | BEARING W/LOCK COLLAR, 1                       | 1   |
| 12    | YBHH08060 | BOLT HEX, 1/4-20 X 2-1/4 G5 ZC                 | 2   |
| 13    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5                    | 6   |
| 14    | YBCR10030 | BOLT CARRIAGE, 5/16 X 3/4 G5                   | 9   |
| 15    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5 ZC                     | 12  |
| 16    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5 ZC                     | 6   |
| 17    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5                     | 8   |
| 18    | YBFB12150 | BOLT FLANGE, 3/8 X 1-1/2 G5                    | 8   |
| 19    | YNNY12005 | NUT HEX 3/8, G2                                | 2   |
| 20    | YNFG12006 | NUT FLANGE, 3/8 GF                             | 22  |
| 21    | YNFG10005 | NUT FLANGE, 5/16 GF                            | 15  |
| 22    | YSKP08005 | SET SCREW, SCKET, KNURLED CUP PT, 1/4-28 X 1/4 | 1   |
| 23    | RG51      | ZERK, 90 DEGREE 1/4-28                         | 4   |
| 24    | YBFB16400 | BOLT FLANGE, 1/2 X 4 G5                        | 4   |
| 25    | 90766     | SUPPORT BRACKET, POST                          | 1   |
| 26    | YNFG16003 | NUT FLANGE, 1/2 GF                             | 4   |
| 27    | YNFG08010 | NUT FLANGE , 1/4 GF                            | 5   |
| 28    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5                      | 3   |
| 29    | YBFB10001 | BOLT FLANGE, 5/16 X 1 G5                       | 2   |
| 30    | GM442     | POLY STRIP                                     | 2   |
| 31    | YSFS10005 | SCREW, FLAT HEAD, SOCKET CAP, 5/16 X 1         | 4   |
| 32    | YWLO10005 | WASHER, LOCK, 5/16                             | 8   |
|       |           |                                                |     |
|       |           |                                                |     |
|       |           |                                                |     |
|       |           |                                                |     |



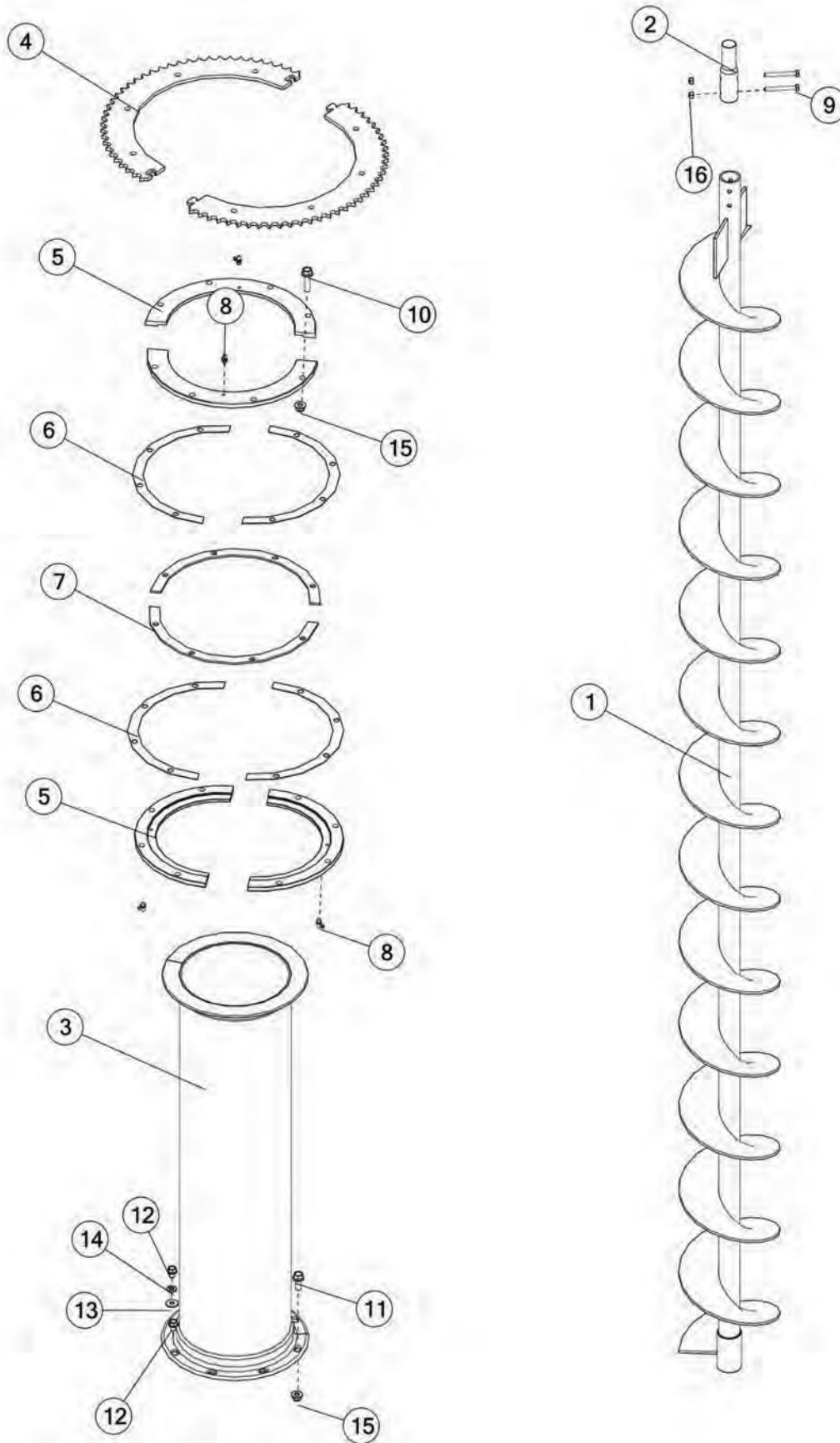




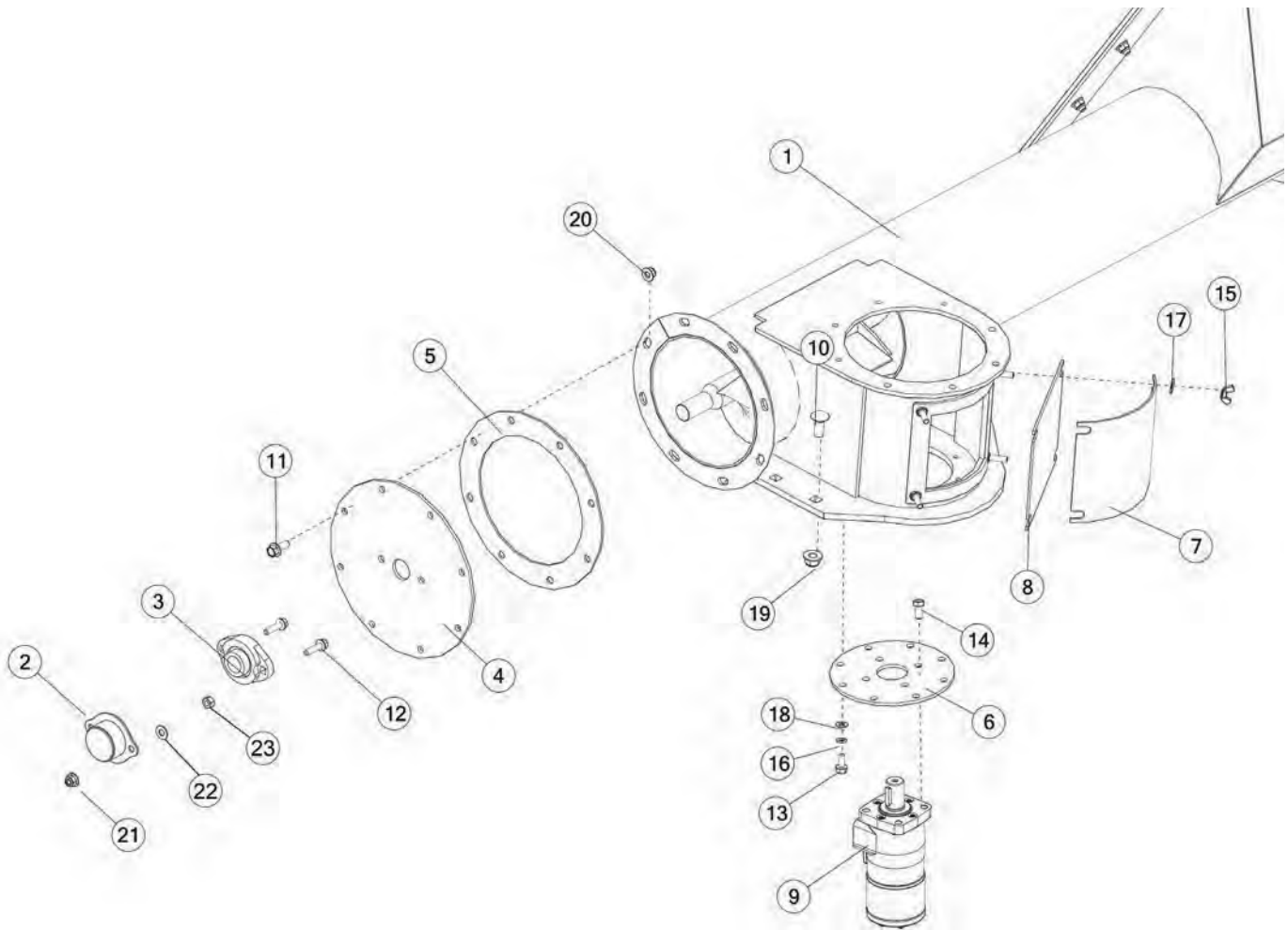
**FIGURE 14**  
**VERTICAL AUGER TUBE AND COMPONENTS**

| REF # | PART #    | DESCRIPTION                        | QTY |
|-------|-----------|------------------------------------|-----|
| 1     | 85625     | VERTICAL AUGER TUBE                | 1   |
| 2     | 85932     | AUGER INNER IDLE CAP               | 1   |
| 3     | GM340     | SPLIT RING BOTTOM                  | 2   |
| 4     | GM341     | SPLIT RING TOP                     | 2   |
| 5     | 75386     | AUGER, TOP                         | 2   |
| 6     | GM229     | CLUTCH FACE                        | 4   |
| 7     | GM237     | CLUTCH                             | 2   |
| 8     | GM228     | CLUTCH PLATE                       | 2   |
| 9     | 96451     | CHAIN SHIELD, TOP                  | 1   |
| 10    | 96454     | CHAIN SHIELD, BOTTOM               | 1   |
| 11    | 96457B    | GUARD, RING, OUTER W/ DECALS       | 1   |
| 12    | 84459     | ROLLER CHAIN, 60 X 79              | 1   |
| 13    | 96468     | BRACKET, GUARD                     | 2   |
| 14    | GM345     | ROLLER                             | 12  |
| 15    | 23N187    | SPRING                             | 1   |
| 16    | GM436     | HOSE HOLDER                        | 1   |
| 17    | 81570     | HYD MOTOR, 22.6CI                  | 1   |
| 18    | GM226     | AUGER TURN SPROCKET                | 1   |
| 19    | WM210     | BRAKE SPRING                       | 8   |
| 20    | YNHX12005 | NUT HEX, 3/8 G5                    | 2   |
| 21    | YBHH16166 | BOLT HEX, FT, 1/2-13 X 6, G5, ZC   | 6   |
| 22    | GM342     | STEP BOLT                          | 12  |
| 23    | YBHH12099 | BOLT HEX, FT, 3/8-16 X 2-1/4 G2 ZC | 1   |
| 24    | YBFB12075 | BOLT FLANGE, 3/8 X 3/4 G5          | 7   |
| 25    | YBFB16175 | BOLT FLANGE, 1/2 X 1-3/4 G5        | 8   |
| 26    | YWFL10005 | WASHER FLAT, 5/16                  | 2   |
| 27    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5          | 7   |
| 28    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5        | 12  |
| 29    | T40       | BEARING W/LOCK COLLAR, 1           | 1   |
| 30    | YWLO10005 | WASHER LOCK, 5/16                  | 2   |
| 31    | YWFL12005 | WASHER FLAT, 3/8 G5                | 8   |
| 32    | YWLO12005 | WASHER LOCK, 3/8                   | 8   |
| 33    | YNFG08010 | NUT FLANGE, 1/4 GF                 | 7   |
| 34    | YNFG10005 | NUT FLANGE, 5/16 GF                | 3   |
| 35    | YNFG12006 | NUT FLANGE, 3/8 GF                 | 16  |
| 36    | YNFG16003 | NUT FLANGE, 1/2 GF                 | 20  |
| 37    | YNHX10005 | NUT HEX, 5/16 G2                   | 2   |
| 38    | YNHX16005 | NUT HEX, 1/2 G2                    | 14  |
| 39    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5       | 3   |
| 40    | YBHH12160 | BOLT HEX, 3/8 X 3-3/4 G5           | 8   |
| 41    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5 ZC         | 1   |
| 42    | YWFL12010 | WASHER FLAT, 3/8 G8                | 2   |









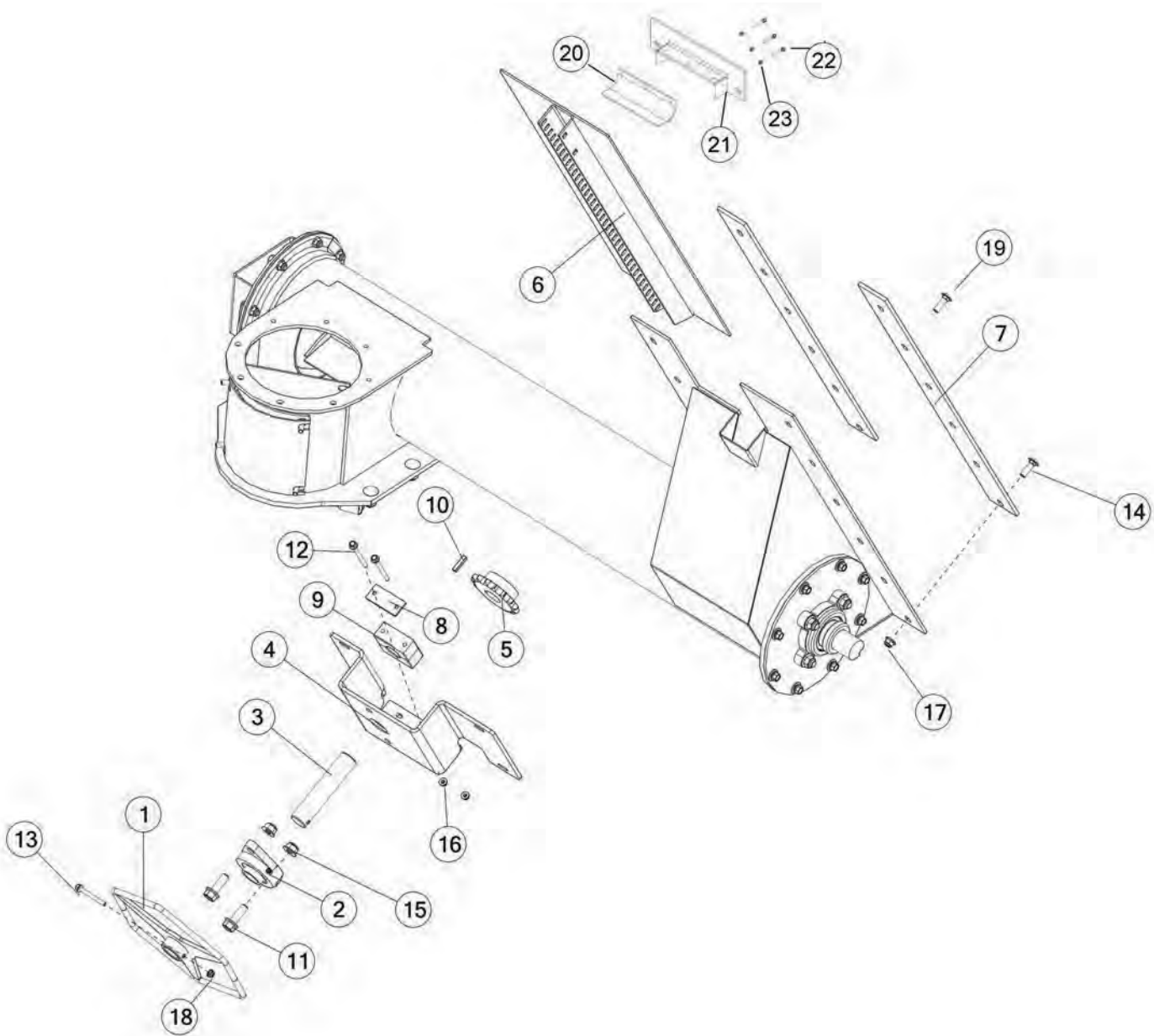


## FIGURE 16

### AUGER HOUSING AND COMPONENTS

| REF # | PART #    | DESCRIPTION                         | QTY |
|-------|-----------|-------------------------------------|-----|
| 1     | 85488     | AUGER HOUSING, ASSY                 | 1   |
| 2     | 89622     | SHAFT SHIELD                        | 1   |
| 3     | T40       | BEARING, 2 BOLT, 1.00 BORE W/COLLAR | 1   |
| 4     | 78254     | AUGER COVER                         | 1   |
| 5     | 74281     | SHIM                                | 1   |
| 6     | 81642     | AUGER INNER DRIVE CAP               | 1   |
| 7     | 80194B    | STL PANEL, CLEANOUT DOOR            | 1   |
| 8     | 84174     | GASKET, CLEANOUT                    | 1   |
| 9     | 85344     | HYD MOTOR                           | 1   |
| 10    | YBCR16015 | BOLT CARRIAGE, 1/2-13 X 1-1/4 G5 ZC | 4   |
| 11    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5         | 8   |
| 12    | YBHH12080 | BOLT HEX, 3/8-16 X 2 G5 ZC          | 2   |
| 13    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5          | 8   |
| 14    | YBHH12135 | BOLT HEX, 3/8-16 X 3/4 G5           | 4   |
| 15    | YNWG10005 | NUT WING, 5/16-18 NA ZC             | 4   |
| 16    | YWLO10005 | WASHER, LOCK, 5/16                  | 8   |
| 17    | YWFL10005 | WASHER, FLAT, 5/16 USS              | 4   |
| 18    | YWFL10010 | WASHER, FLAT, 5/16 SAE G8 YZ        | 8   |
| 19    | YNFG16003 | NUT FLANGE, 1/2 GF                  | 4   |
| 20    | YNFG12006 | NUT FLANGE, 3/8 GF                  | 8   |
| 21    | YNFG12006 | NUT FLANGE, 3/8 GF                  | 2   |
| 22    | YWFL12010 | WASHER FLAT, 3/8 G8                 | 2   |
| 23    | YNHX12005 | NUT HEX, 3/8 G2                     | 2   |
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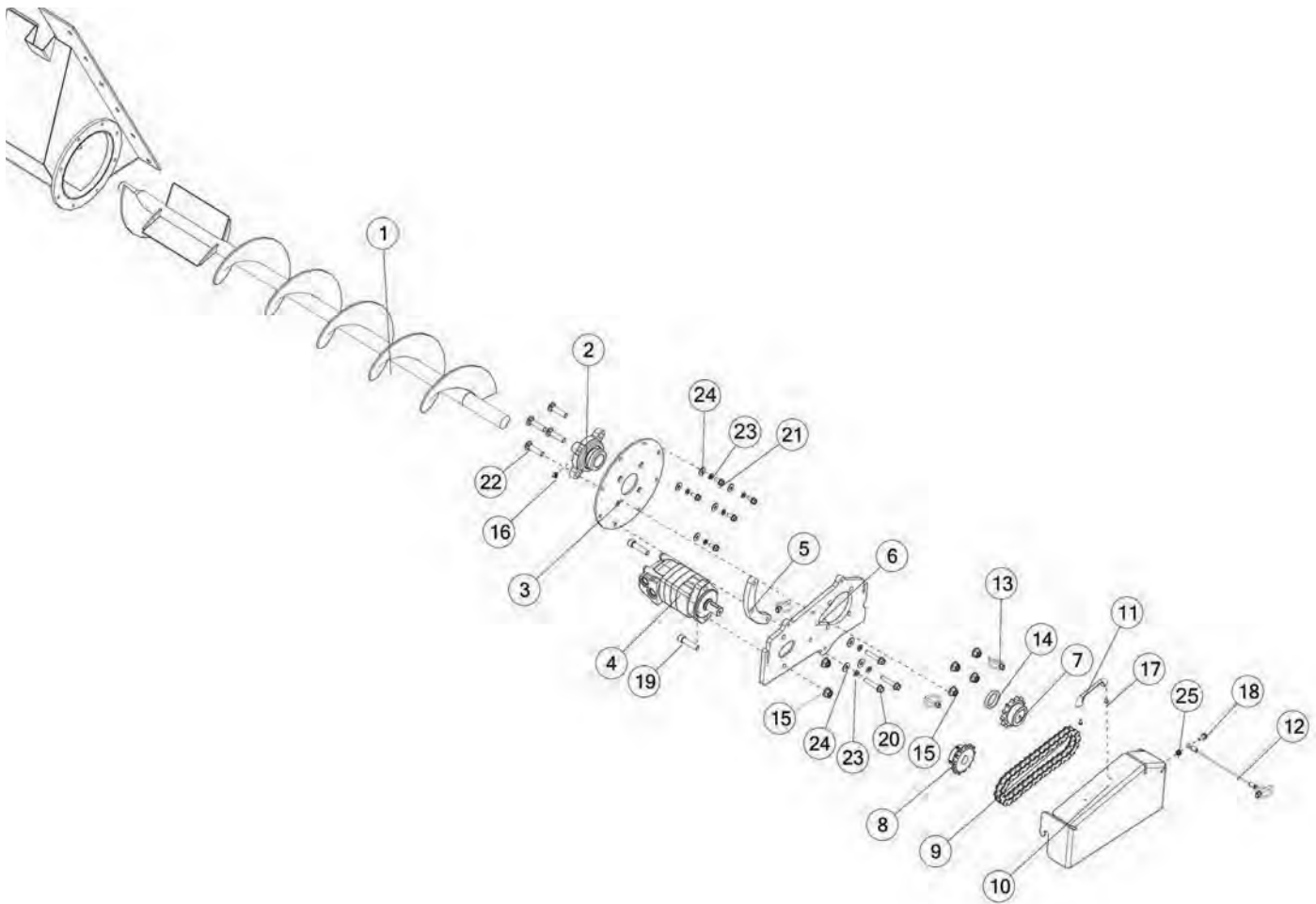






| REF # | PART #    | DESCRIPTION                      | QTY |
|-------|-----------|----------------------------------|-----|
| 1     | 85582     | HANDLE, GATE                     | 1   |
| 2     | 12N29     | FLANGE BEARING                   | 1   |
| 3     | 85568     | HANDLE SHAFT                     | 1   |
| 4     | 85698     | GATE BRACKET                     | 1   |
| 5     | 55230     | SPROCKET, 60B15, 1-1/4 SHAFT     | 1   |
| 6     | 85690     | GATE                             | 1   |
| 7     | 80232     | SPACER, 1/4                      | 2   |
| 8     | 56566     | CLAMP TOP PLATE                  | 1   |
| 9     | CHM289    | CLAMP HALVES 1-1/4 TUBE          | 1   |
| 10    | S135      | SQUARE KEY, 1/4 X 1-1/4          | 1   |
| 11    | YBFB16150 | BOLT FLANGE, 1/2 X 1-1/2 G5      | 2   |
| 12    | YBFB08300 | BOLT FLANGE, 1/4 X 3 G5          | 2   |
| 13    | YBFB08225 | BOLT FLANGE, 1/4 X 2-1/4 G5      | 1   |
| 14    | YBCR12020 | BOLT CARRIAGE, 3/8 X 1-1/4 G5    | 10  |
| 15    | YNFG16003 | NUT FLANGE, 1/2 GF               | 1   |
| 16    | YNFG08010 | NUT FLANGE, 1/4 GF               | 2   |
| 17    | YNFG12006 | NUT FLANGE, 3/8 GF               | 12  |
| 18    | YNFG08010 | NUT FLANGE, 1/4 GF               | 1   |
| 19    | YBCR12015 | BOLT CARRIAGE, 3/8-16 X 1-1/2 G5 | 2   |
| 20    | 92280     | GATE SEAL                        | 1   |
| 21    | 92279     | WIPER BRACKET                    | 1   |
| 22    | YBFB08100 | BOLT FLANGE, 1/4 X 1 G5          | 3   |
| 23    | YNFG08100 | NUT FLANGE, 1/4 GF               | 3   |
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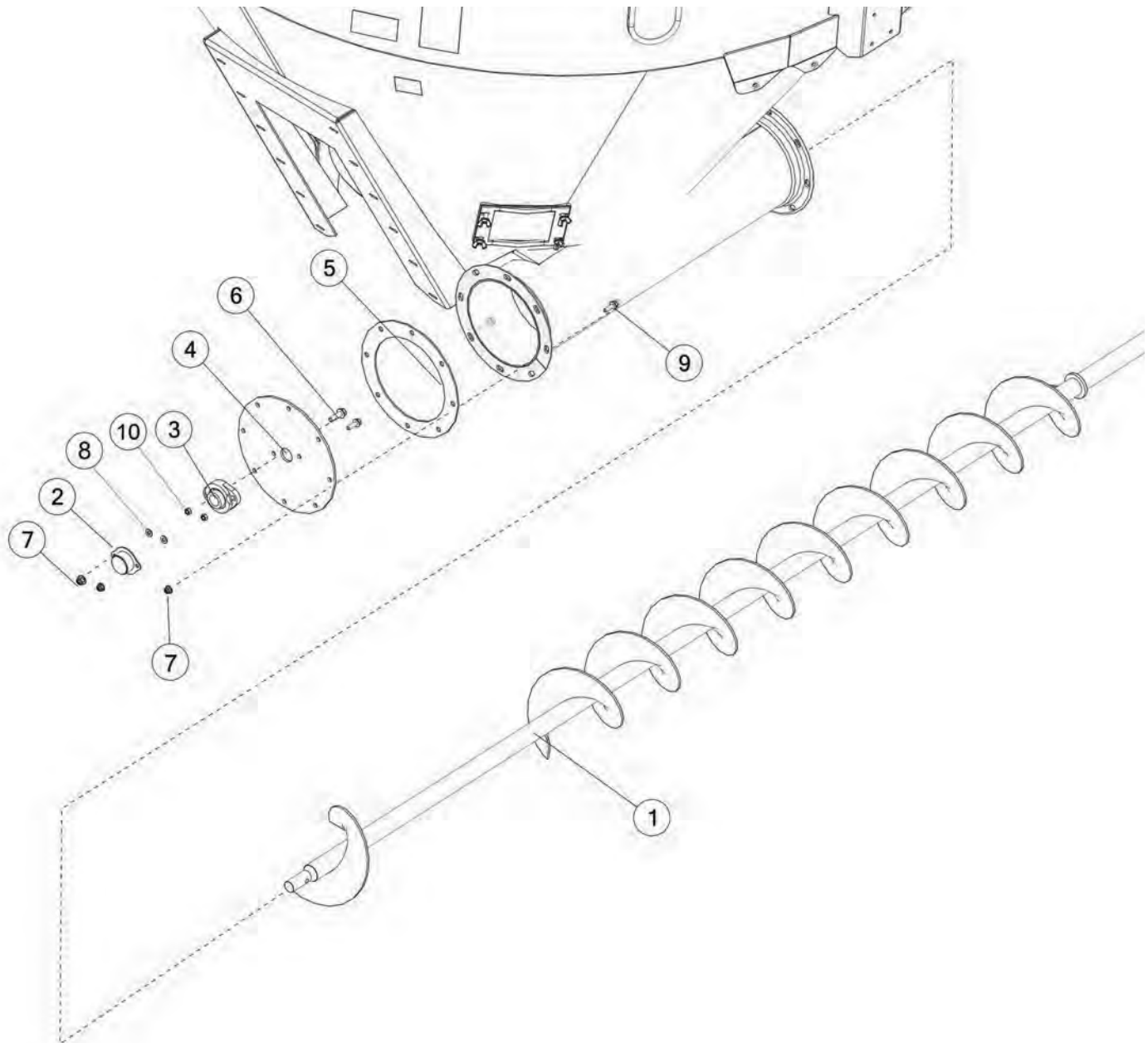


# FIGURE 18

## HORIZONTAL AUGER AND COMPONENTS

| REF # | PART #    | DESCRIPTION                     | QTY |
|-------|-----------|---------------------------------|-----|
| 1     | 85646     | HORIZONTAL AUGER, ASSY          | 1   |
| 2     | 78670     | BALL BEARING, 1.50              | 1   |
| 3     | 85629     | AUGER DRIVE CAP                 | 1   |
| 4     | 81565     | HYD MOTOR, 6.2CI                | 1   |
| 5     | 89615     | SPACER                          | 1   |
| 6     | 89618     | MOTOR PLATE                     | 1   |
| 7     | TS36      | SINGLE SPROCKET, 13             | 1   |
| 8     | 85671     | SINGLE SPROCKET, 13             | 1   |
| 9     | 85995     | ROLLER CHAIN, #60, 36P          | 1   |
| 10    | 89626B    | SHIELD                          | 1   |
| 11    | 79671     | PULL HANDLE, PLASTIC            | 1   |
| 12    | S122      | LANYARD, CLIP PIN CABLE         | 1   |
| 13    | YPLY06010 | LYNCH PIN, 3/16 X 1-9/16        | 2   |
| 14    | 89620     | SPACER                          | 1   |
| 15    | YNFG16003 | NUT FLANGE, 1/2 GF              | 6   |
| 16    | RG51      | ZERK, 90 DEGREE 1/4"-28         | 1   |
| 17    | YSPN64004 | MACHINE PPHS, #10-24 X 3/8 SS   | 2   |
| 18    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5       | 1   |
| 19    | YSHS16015 | BOLT SOCKET, 1/2-13 X 2 BO      | 2   |
| 20    | YBFB12200 | BOLT FLANGE, 3/8 X 2 G5         | 3   |
| 21    | YBFB12075 | BOLT FLANGE, 3/8 X 3/4 G5       | 5   |
| 22    | YBCR16020 | BOLT CARRIAGE, 1/2-13 X 2 G5 ZC | 4   |
| 23    | YWLO12005 | WASHER LOCK, 3/8                | 3   |
| 24    | YWFL12005 | WASHER FLAT, 3/8 USS            | 5   |
| 25    | YNFG08010 | NUT FLANGE, 1/4 GF              | 1   |
|       |           |                                 |     |
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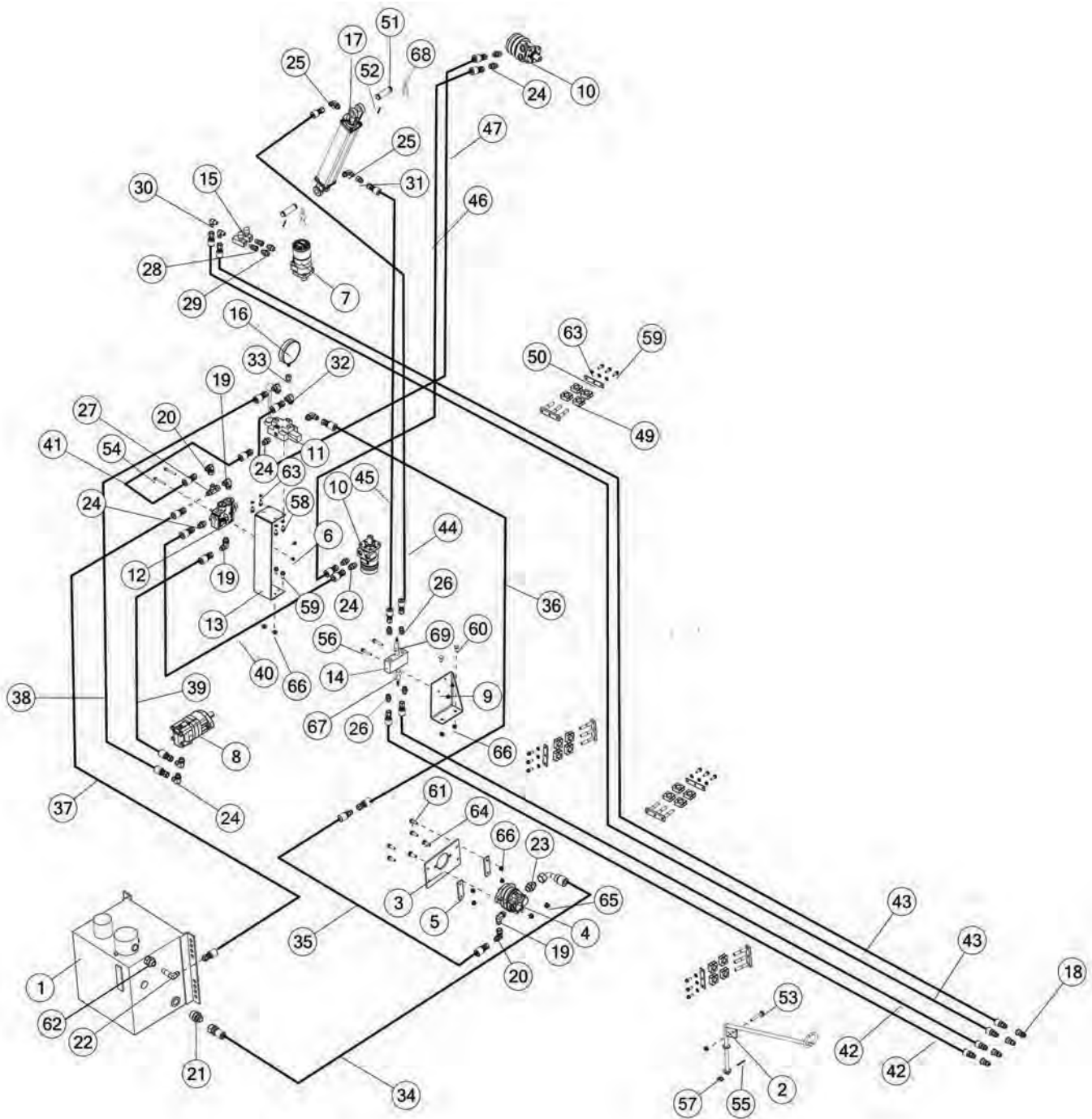






## FIGURE 19

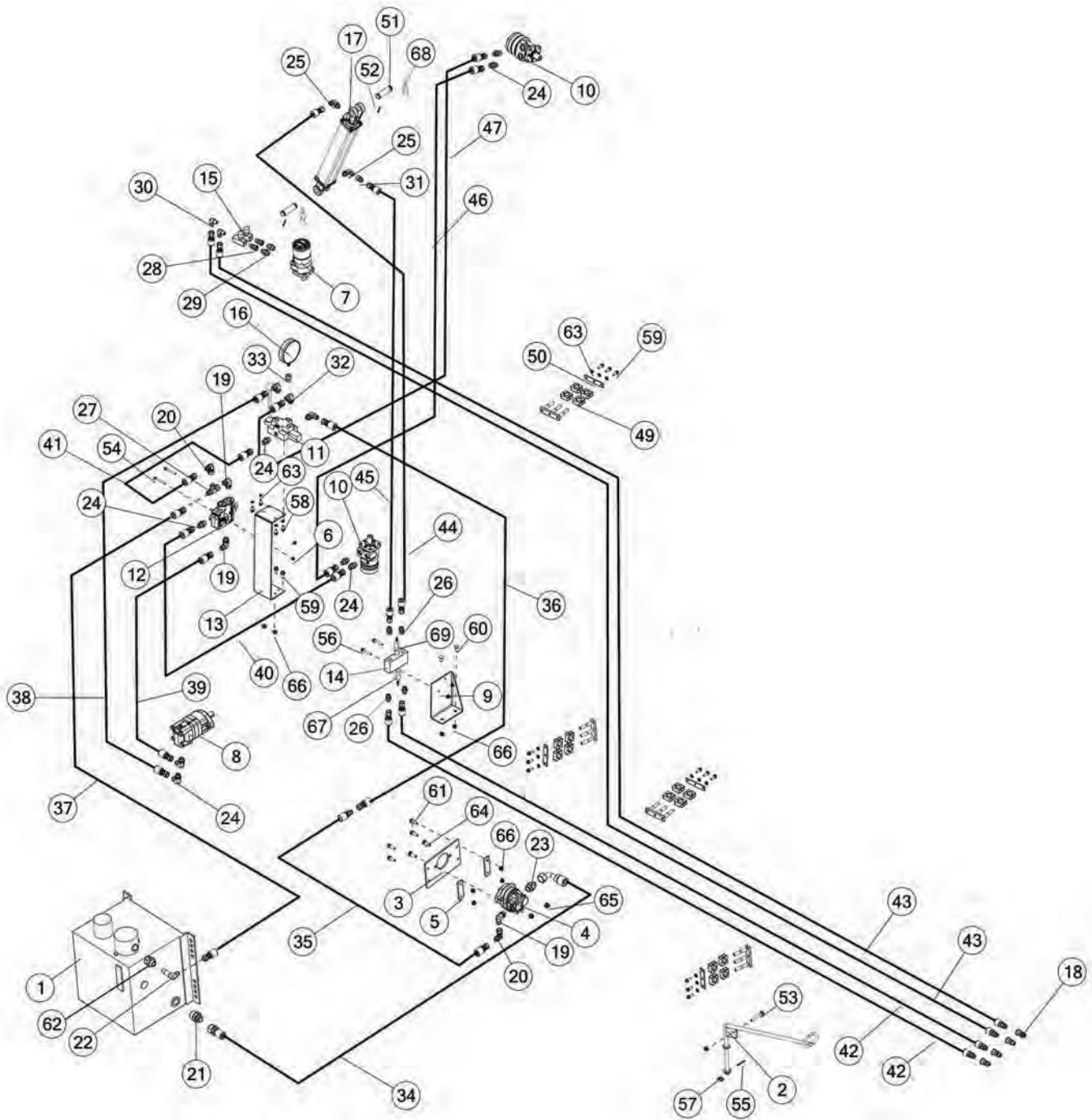
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| REF # | PART #    | DESCRIPTION                          | QTY |
|-------|-----------|--------------------------------------|-----|
| 1     | 81577B    | HYD TANK, 12GAL                      | 1   |
| 2     | GM440     | GRINDER HOSE HOLDER                  | 1   |
| 3     | 81618     | HYD PUMP BRACKET                     | 1   |
| 4     | 81560     | HYD PUMP                             | 1   |
| 5     | 96112     | PUMP SHIM                            | 4   |
| 6     | YNFG08010 | NUT FLANGE, 1/4 GF                   | 2   |
| 7     | 81570     | HYD MOTOR, 22.6CI                    | 1   |
| 8     | 81565     | HYD MOTOR, 6.2CI                     | 1   |
| 9     | 84333     | HYD VALVE BRKT                       | 1   |
| 10    | 85344     | HYD MOTOR, 10.1CI                    | 2   |
| 11    | 81576     | HYD VALVE, CONTROL                   | 1   |
| 12    | GM20      | FLOW CONTROL                         | 1   |
| 13    | 84297     | CONTROL BRACKET                      | 1   |
| 14    | 81571     | HYD VALVE, CROSS PORT                | 1   |
| 15    | CHM265    | F600S PARKER COLOR FLOW NEEDLE VALVE | 2   |
| 16    | 84937     | HYD VALVE, GAUGE                     | 1   |
| 17    | 78777     | HYD CYLINDER, 2.5 X 18, ORB          | 1   |
| 18    | 67148     | FITTING, ST, 8ORB, QUICK COUPLER TIP | 3   |
| 19    | GM56      | FITTING 90, 10JIC X 10ORB            | 5   |
| 20    | 83997     | FITTING 90, 10 JIC, 10 JIC           | 2   |
| 21    | 81644     | FITTING, ST, 16JIC, 20NPT            | 1   |
| 22    | 84342     | MALE ELBOW, 37DEC/NPT                | 1   |
| 23    | TFM23     | FITTING STRAIGHT, 16JIC X 16ORB      | 1   |
| 24    | GM57      | FITTING, ST, 10JIC, 10ORB, STL       | 6   |
| 25    | TS135     | FITTING, ELBOW, 8-C5OX-S             | 2   |
| 26    | TS137     | FITTING, ST, 8 JIC, 8 ORB, STL       | 4   |
| 27    | GM55      | FITTING, TEE, 10JIC X 10JIC X 10JIC  | 1   |
| 28    | 84724     | MALE CONNECTOR 37 DEG SWIVEL         | 2   |
| 29    | GM27      | FITTING, ST, 8JIC, 10ORB, STL        | 2   |
| 30    | TS136     | FITTING, 90, 8JIC X 3/8NPT           | 2   |
| 31    | 58177     | ORIFICE, 8 XHX7-S .062               | 2   |
| 32    | 83733     | FITTING, 90, 10JIC X 8ORB            | 1   |
| 33    | 82668     | FITTING, ST, 8ORB, 1/4NPT, STL       | 1   |
| 34    | 84338     | HYD HOSE, 16, 80IN                   | 1   |
| 35    | 83842     | HYD HOSE, 10, 111IN                  | 1   |
| 36    | 83844     | HYD HOSE, 10, 254IN                  | 1   |
| 37    | 83849     | HYD HOSE, 10, 162IN                  | 1   |
| 38    | 85986     | HYD HOSE, 10, 40IN                   | 1   |
| 39    | 83851     | HYD HOSE, 10, 24IN                   | 1   |

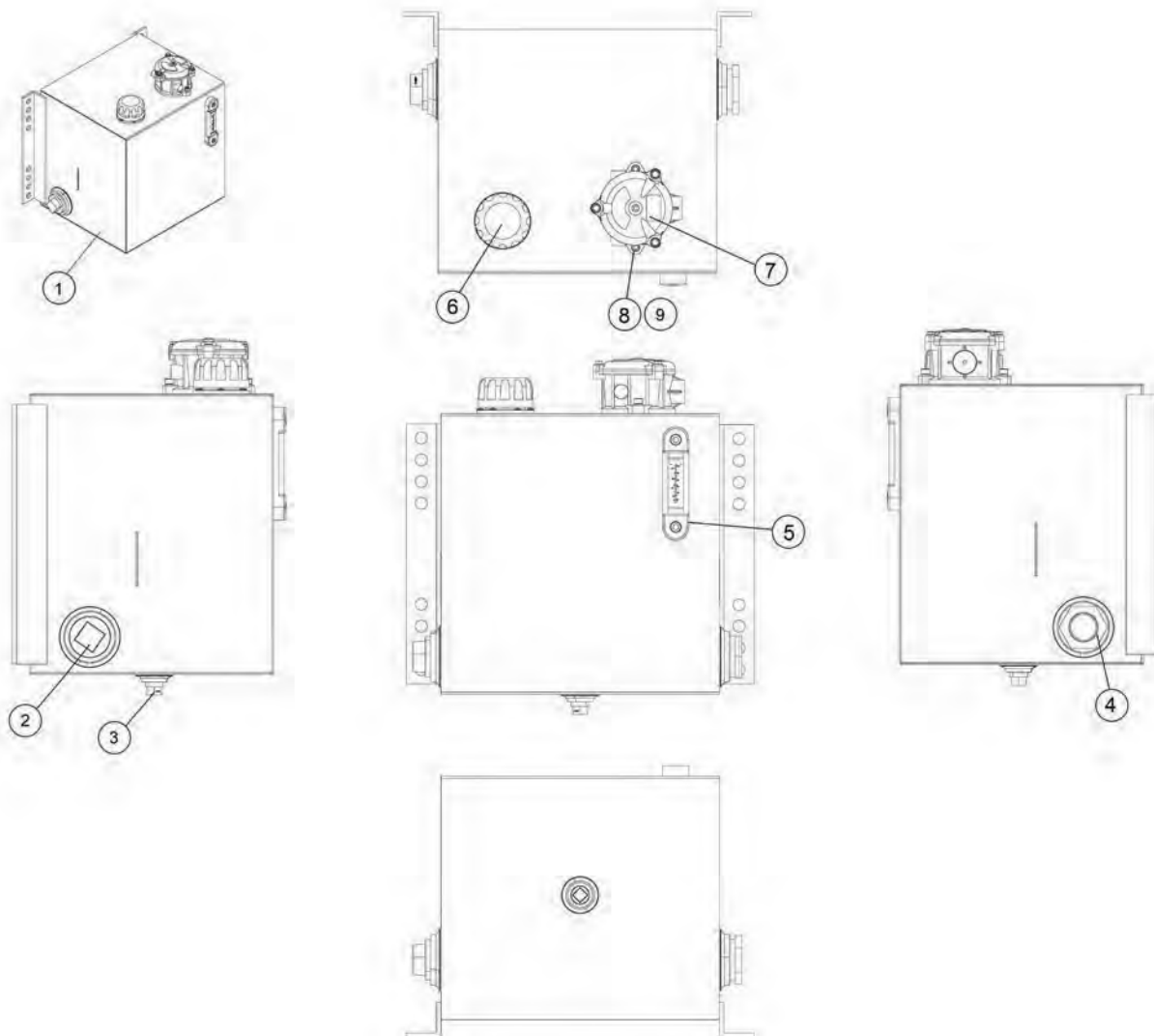






| REF # | PART #    | DESCRIPTION                          | QTY |
|-------|-----------|--------------------------------------|-----|
| 40    | 83850     | HYD HOSE, 10, 36IN                   | 1   |
| 41    | 84731     | HYD HOSE, 10, 32IN                   | 1   |
| 42    | 83902     | HYD HOSE, 8, 251IN                   | 1   |
| 43    | 83903     | HYD HOSE, 8, 288IN                   | 1   |
| 44    | 83852     | HYD HOSE, 8, 158IN                   | 1   |
| 45    | 83853     | HYD HOSE, 8, 172IN                   | 1   |
| 46    | 83846     | HYD HOSE, 10, 185IN                  | 1   |
| 47    | 82561     | HYD HOSE, 10, 185IN                  | 1   |
| 48    | 82556     | HYD HOSE, 10, 185IN                  | 2   |
| 49    | GM66      | HOSE CLAMP INSERT 1/2                | 16  |
| 50    | GM64      | TOP PLATE                            | 4   |
| 51    | T143      | HYDRAULIC CYLINDER PIN               | 2   |
| 52    | YPCT05010 | COTTER PIN 5/32 X 1-1/2              | 4   |
| 53    | YBFB12275 | BOLT FLANGE, 3/8 X 2-3/4 G5          | 1   |
| 54    | YBFB08250 | BOLT FLANGE, 1/4 X 2-1/2 G5          | 2   |
| 55    | YPCT06005 | COTTER PIN, 3/16 X 1-1/2             | 1   |
| 56    | YBFB10225 | BOLT FLANGE, 5/16 X 2-1/4 G5         | 2   |
| 57    | YWFL20010 | WASHER FLAT, 5/8 G8                  | 1   |
| 58    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5           | 4   |
| 59    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5              | 2   |
| 60    | YBCR12010 | BOLT CARRIAGE, 3/8-16 X 1 G5 ZC      | 2   |
| 61    | YBFB12225 | BOLT FLANGE, 3/8 X 2-1/4 G5          | 4   |
| 62    | LW99      | FITTING STRAIGHT, 3/4 NPT, 1/2 NPT   | 1   |
| 63    | YWLO12005 | WASHER LOCK, 3/8                     | 12  |
| 64    | YBCR14007 | BOLT CARRIAGE, 7/16-14 X 1-1/2 G5 ZC | 2   |
| 65    | YNFG14011 | NUT FLANGE, 7/16 GF                  | 2   |
| 66    | YNFG12006 | NUT FLANGE, 3/8 GF                   | 4   |
| 67    | 94612     | CARTRIDGE VALVE, 600                 | 1   |
| 68    | YPHR02020 | HAIR PIN, #23-10                     | 2   |
| 69    | 94610     | CARTRIDGE VALVE, 1800                | 1   |
| *     | 94619     | SEAL KIT                             | 1   |
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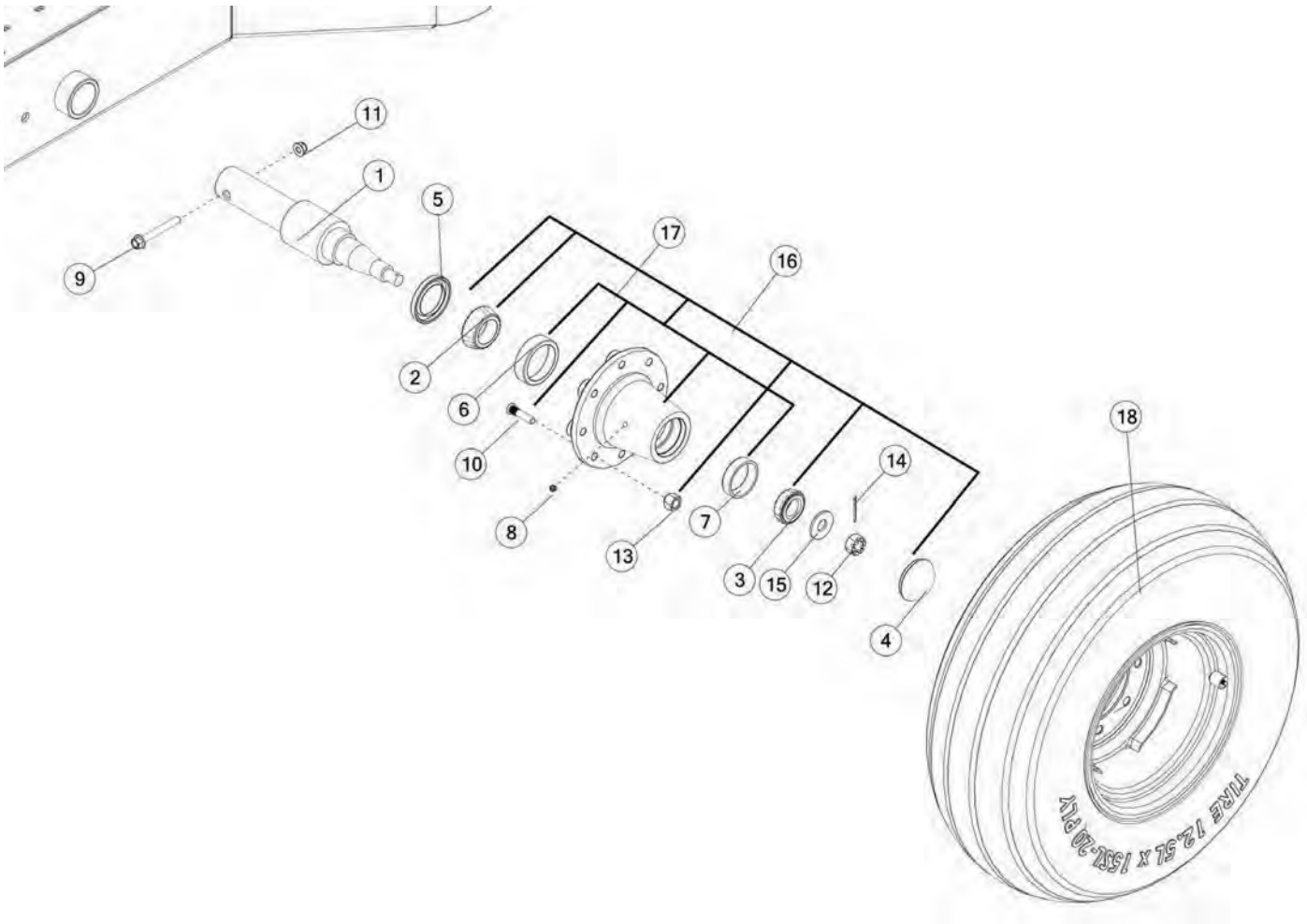




## FIGURE 21

### HYDRAULIC TANK

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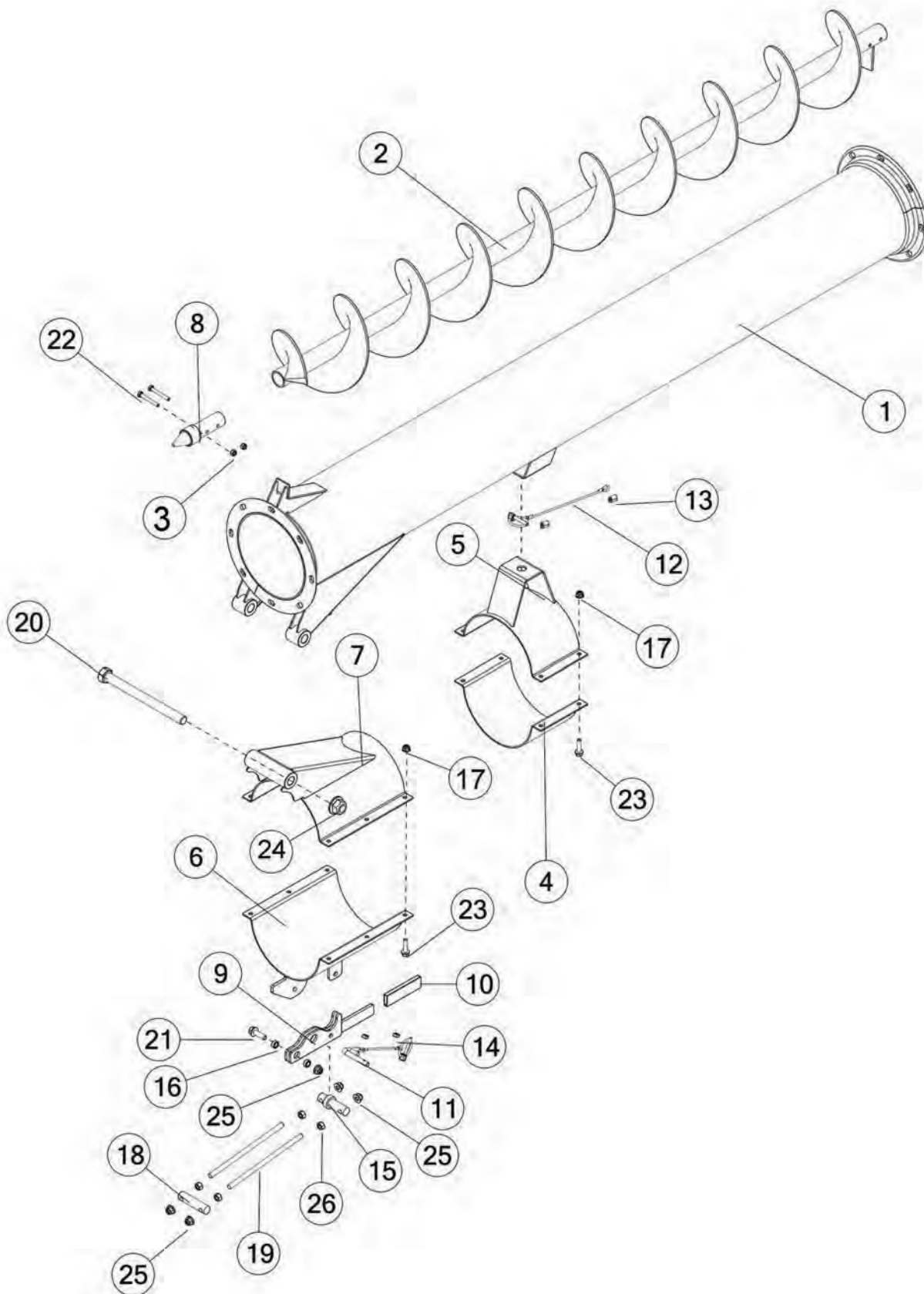




## FIGURE 22

### WHEEL AND HUB ASSEMBLY

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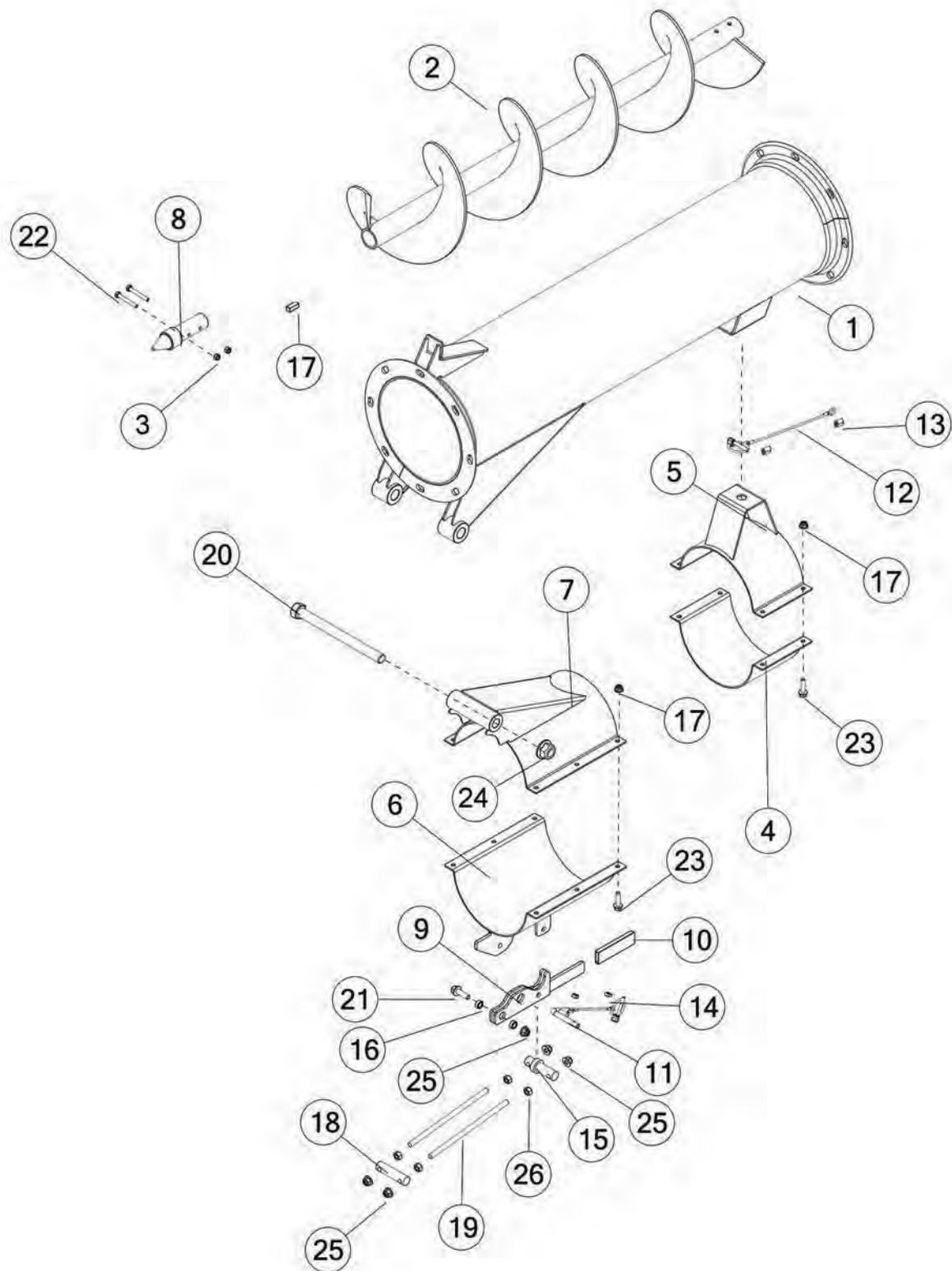


# FIGURE 23

## 6' FOLDING EXTENSION OPTION (GMOEXT6)

| REF # | PART #    | DESCRIPTION                           | QTY |
|-------|-----------|---------------------------------------|-----|
| 1     | GM278B    | EXTENSION HOUSING, 6FT                | 1   |
| 2     | GM531     | EXTENSION AUGER, CUPPED FLIGHTING 6FT | 1   |
| 3     | YNNY08005 | NUT HEX, 1/4-20 LKNY G2 ZC            | 2   |
| 4     | GM289     | TRANSPORT LOCK CLAMP                  | 1   |
| 5     | GM290     | TRANSPORT LOCK LATCH                  | 1   |
| 6     | GM284B    | LATCH CLAMP                           | 1   |
| 7     | GM283     | PIVOT CLAMP                           | 1   |
| 8     | GM282     | AUGER CONNECT SHAFT                   | 1   |
| 9     | GM285     | LATCH HANDLE                          | 1   |
| 10    | GM370     | HANDLE GRIP                           | 1   |
| 11    | GM573     | LATCH PIN W/CLIP PIN & LANYARD        | 1   |
| 12    | S122      | LYNCH PIN W/CABLE                     | 1   |
| 13    | 71279     | SLEEVE                                | 2   |
| 14    | ES15      | CABLE CLAMP, 1/8                      | 2   |
| 15    | GM369     | LATCH PIVOT PIN                       | 1   |
| 16    | GM180     | DOOR PIVOT                            | 2   |
| 17    | YNFG10005 | NUT FLANGE, 5/16 GF                   | 14  |
| 18    | GM286     | LATCH PIVOT SHAFT                     | 1   |
| 19    | GM287     | LATCH ROD                             | 2   |
| 20    | YBHH24120 | BOLT HEX, 3/4-10 X 9 G5 ZC            | 1   |
| 21    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5           | 1   |
| 22    | YBHH08045 | BOLT HEX, 1/4 X 2 G5                  | 2   |
| 23    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5          | 10  |
| 24    | YNFG24006 | NUT FLANGE, TOP LOCK, 3/4 GG          | 1   |
| 25    | YNFG12006 | NUT FLANGE, 3/8 GF                    | 5   |
| 26    | YNHX12004 | NUT HEX, 3/8 G2                       | 4   |
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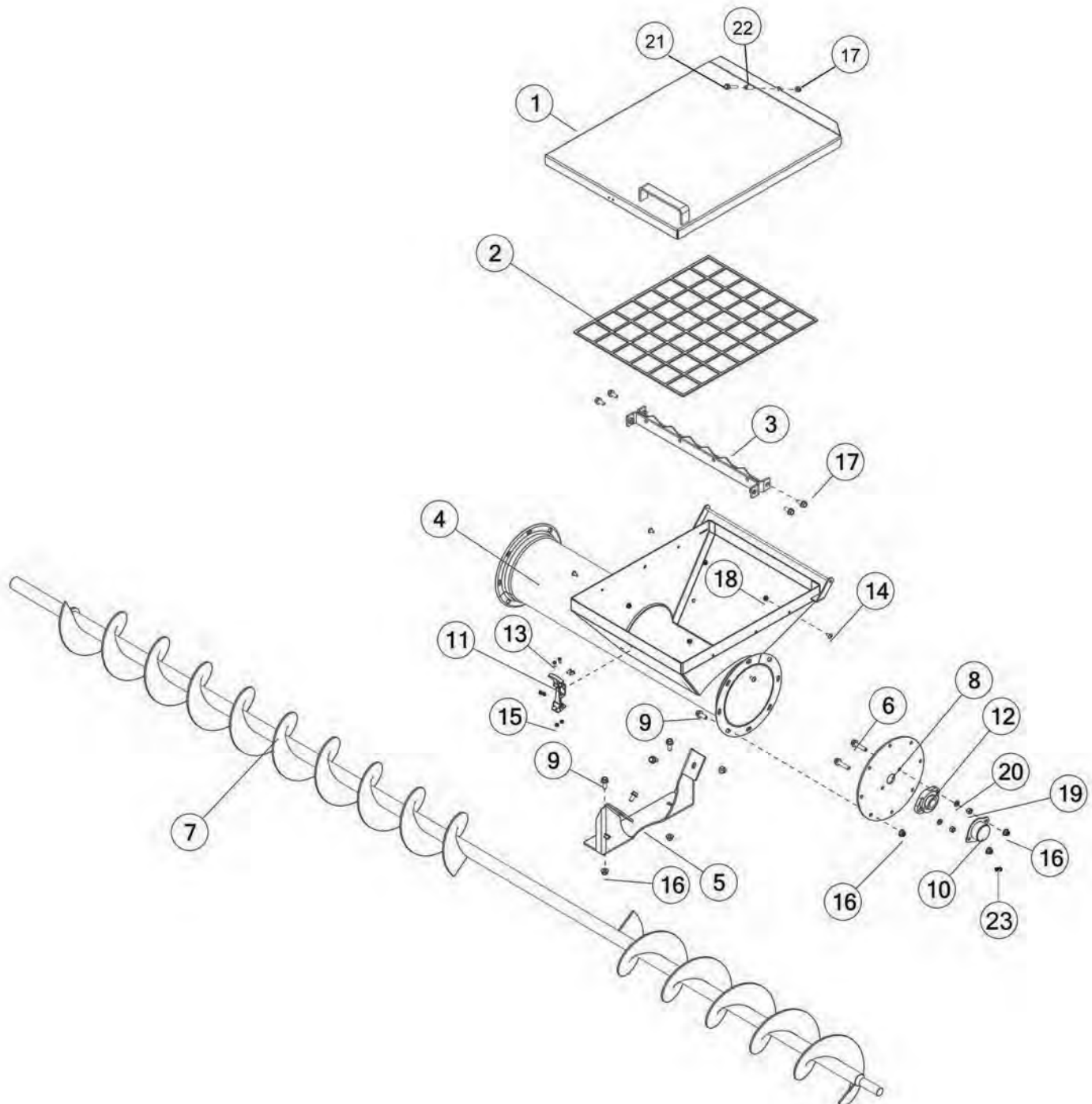


# FIGURE 24

## 3' FOLDING EXTENSION OPTION (GMOEXT3)

| REF # | PART #    | DESCRIPTION                           | QTY |
|-------|-----------|---------------------------------------|-----|
| 1     | GM279B    | EXTENSION HOUSING, 3FT                | 1   |
| 2     | GM530     | EXTENSION AUGER, CUPPED FLIGHTING 3FT | 1   |
| 3     | YNNY08005 | NUT HEX, NYLON LOCKNUT, 1/4 G2        | 2   |
| 4     | GM289     | TRANSPORT LOCK CLAMP                  | 1   |
| 5     | GM290     | TRANSPORT LOCK LATCH                  | 1   |
| 6     | GM284B    | LATCH CLAMP                           | 1   |
| 7     | GM283     | PIVOT CLAMP                           | 1   |
| 8     | GM282     | AUGER CONNECT SHAFT                   | 1   |
| 9     | GM285     | LATCH HANDLE                          | 1   |
| 10    | GM370     | HANDLE GRIP                           | 1   |
| 11    | GM573     | LATCH PIN W/CLIP PIN & LANYARD        | 1   |
| 12    | S122      | LYNCH PIN W/CABLE                     | 1   |
| 13    | 71279     | SLEEVE                                | 2   |
| 14    | ES15      | CABLE CLAMP, 1/8                      | 2   |
| 15    | GM369     | LATCH PIVOT PIN                       | 1   |
| 16    | GM180     | DOOR PIVOT                            | 2   |
| 17    | YNFG10005 | NUT FLANGE, 5/16 GF                   | 14  |
| 18    | GM286     | LATCH PIVOT SHAFT                     | 1   |
| 19    | GM287     | LATCH ROD                             | 2   |
| 20    | YBHH24120 | BOLT HEX, 3/4-10 X 9 G5 ZC            | 1   |
| 21    | YBFB12125 | BOLT FLANGE, 3/8 X 1-1/4 G5           | 1   |
| 22    | YBHH08045 | BOLT HEX, 1/4 X 2 G5                  | 2   |
| 23    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5          | 10  |
| 24    | YNFG24006 | NUT FLANGE, TOPLOCK, 3/4 GG           | 1   |
| 25    | YNFG12006 | NUT FLANGE, 3/8 GF                    | 5   |
| 26    | YNHX12004 | NUT HEX, 3/8 G2                       | 4   |
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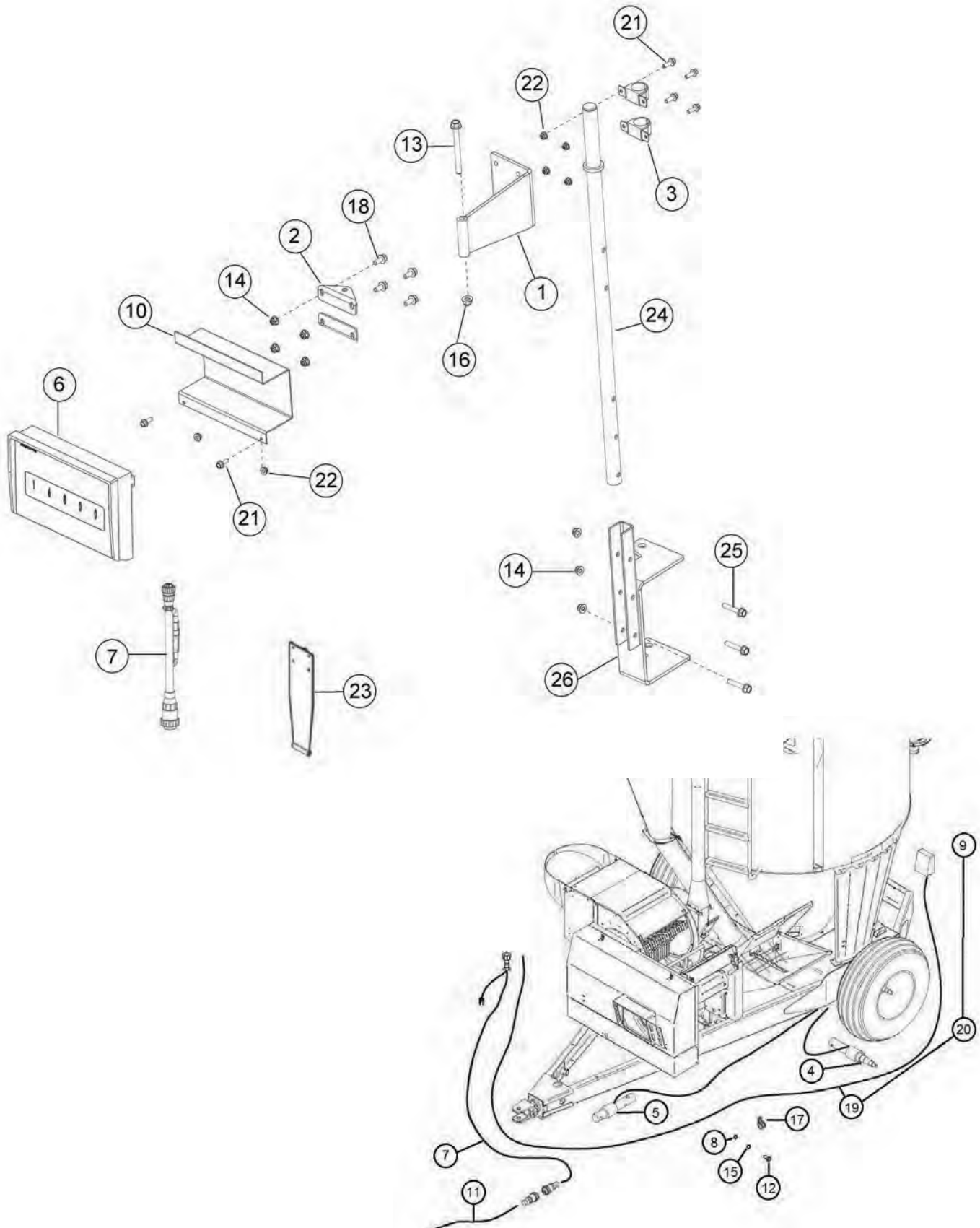


# FIGURE 25

## REAR SUPPLEMENT HOPPER OPTION (GMORSH)

| REF # | PART #    | DESCRIPTION                                   | QTY |
|-------|-----------|-----------------------------------------------|-----|
| 1     | 85805B    | HOPPER COVER, REAR                            | 1   |
| 2     | 85422     | STL PANEL, SCREEN                             | 1   |
| 3     | 90834     | BAG BREAKER                                   | 1   |
| 4     | 85815     | FEED TANK                                     | 1   |
| 5     | 85390     | HOPPER BRKT, REAR                             | 1   |
| 6     | YBFB12175 | BOLT FLANGE, 3/8 X 1-3/4 G5                   | 2   |
| 7     | 89995     | AUGER ASSY, TRANSFER                          | 1   |
| 8     | 90637     | AUGER COVER W/DRAIN                           | 1   |
| 9     | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5                       | 12  |
| 10    | 89622     | BEARING FLANGE GUARD                          | 1   |
| 11    | X233      | LATCH ASSEMBLY, 079-0101                      | 1   |
| 12    | T40       | BEARING, 2 BOLT, 1 BORE W/COLLAR              | 1   |
| 13    | YSP64005  | MISC, PHILLIPS PAN HEAD TYPE, 10-32 X 1/2     | 4   |
| 14    | YSTP08005 | TRUSS HEAD PHILLIPS MACH. SCREW, 1/4-20 X 1/2 | 4   |
| 15    | YNNY64006 | NUT HEX, 10-32 SS                             | 4   |
| 16    | YNFG12006 | NUT FLANGE, 3/8 GF                            | 14  |
| 17    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5                    | 2   |
| 18    | YNFG08010 | NUT FLANGE, 1/4 GF                            | 4   |
| 19    | YNHX12005 | NUT HEX, 3/8                                  | 2   |
| 20    | YWLO12005 | WASHER LOCK, 3/8                              | 2   |
| 21    | YBFB08150 | BOLT FLANGE, 1/4 X 1-1/2 G5                   | 1   |
| 22    | 90842     | CYLINDER SPACER, 1                            | 1   |
| 23    | GM202     | FITTING, 1/2 NPT PLUG                         | 1   |
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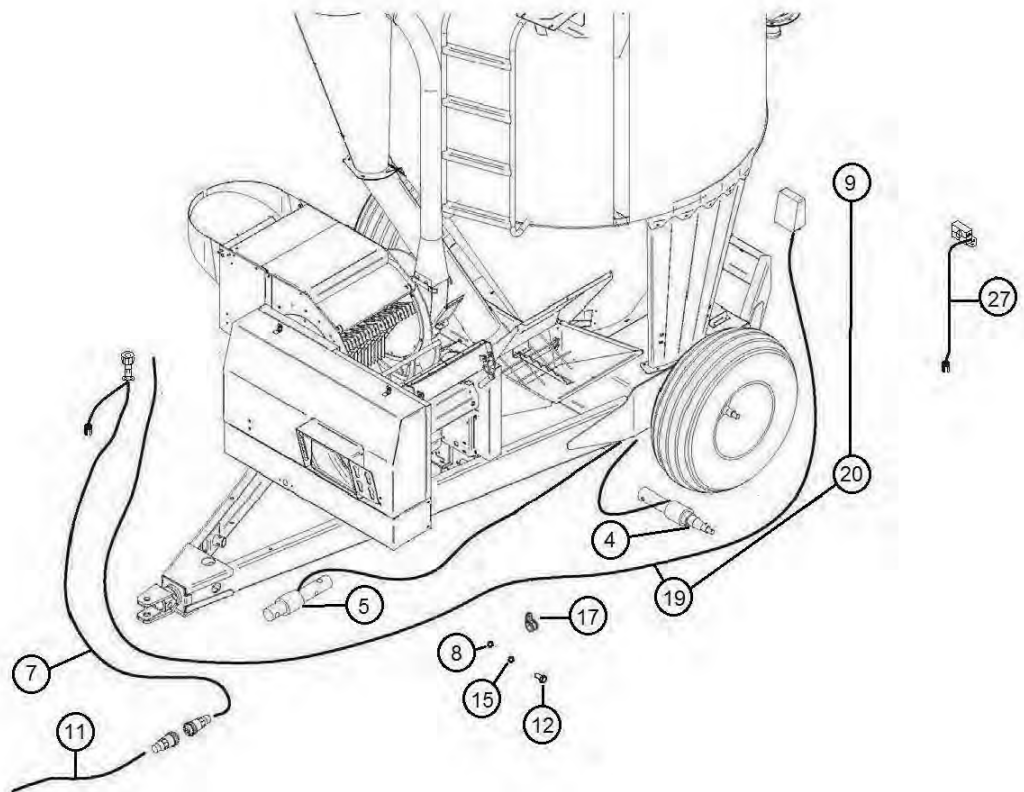
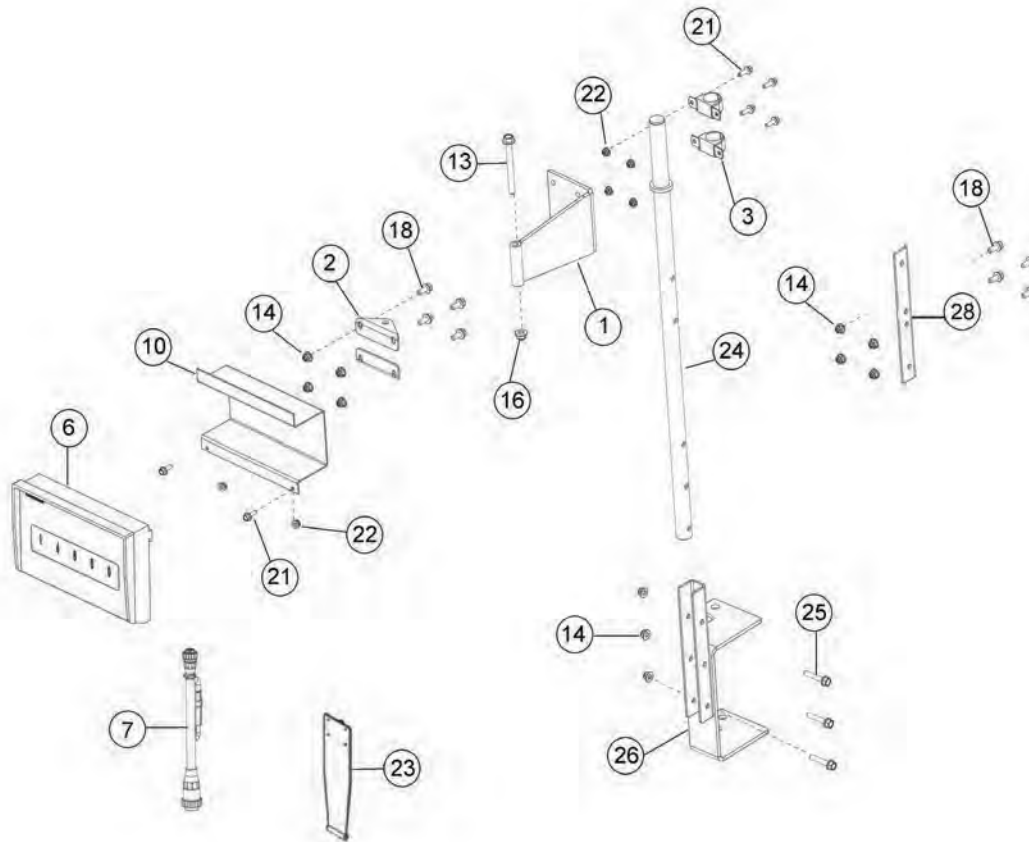




## FIGURE 26

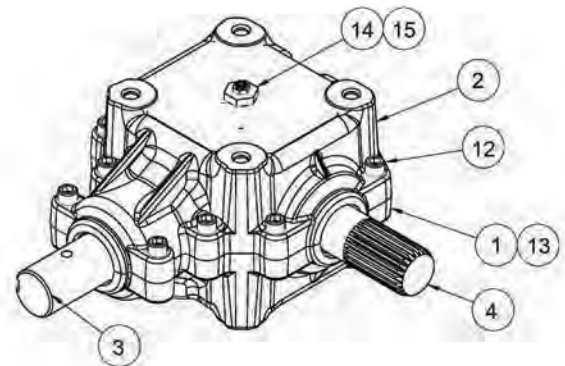
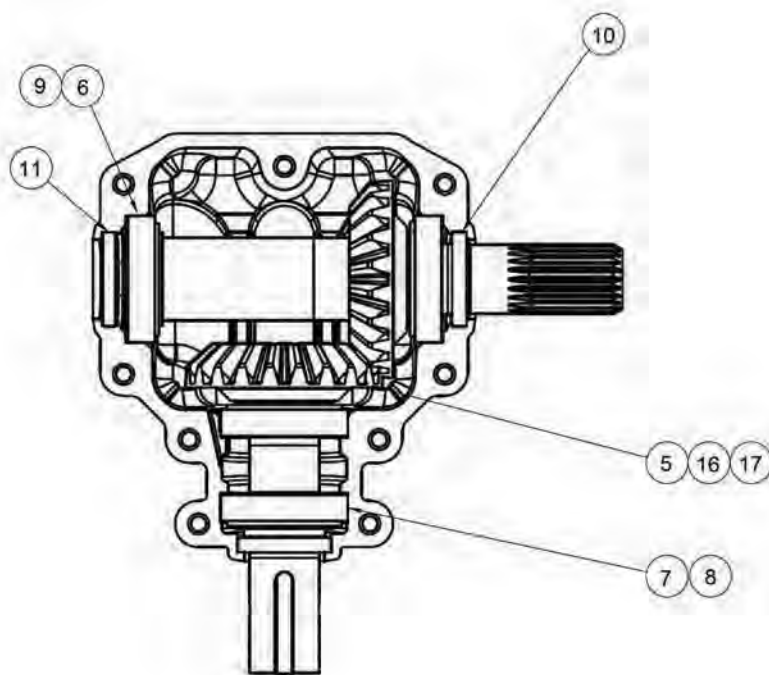
## 2500 SCALE OPTION (GMOBSSCL)

[illegible]



| REF # | PART #    | DESCRIPTION                            | QTY |
|-------|-----------|----------------------------------------|-----|
| 1     | 85110     | SCALE BRACKET                          | 1   |
| 2     | GM401     | SCALE BRACKET                          | 2   |
| 3     | 92900     | TUBE CLAMP                             | 2   |
| 4     | GM402     | SPINDLE LOAD CELL                      | 2   |
| 5     | GM403     | HITCH LOAD CELL                        | 1   |
| 6     | GM466     | SCALE DISPLAY                          | 1   |
| 7     | 77616     | ELECTRIC HARNESS, POWER                | 1   |
| 8     | YNHX08005 | NUT HEX, 1/4                           | 1   |
| 9     | GM407     | JUNCTION BOX                           | 1   |
| 10    | GM408     | SCALE HANGER BRACKET                   | 1   |
| 11    | 16SV269   | TRACTOR CONTROL CORD                   | 1   |
| 12    | YBHH08100 | BOLT HEX, 1/4                          | 1   |
| 13    | YBFB12400 | BOLT FLANGE, 3/8 X 4 G5                | 1   |
| 14    | YNFG10005 | NUT FLANGE, 5/16                       | 11  |
| 15    | YWLO08005 | WASHER LOCK, 1/4                       | 1   |
| 16    | YNFG12006 | NUT FLANGE, 3/8                        | 1   |
| 17    | HGV162    | RUBBER WIRE HOLDER, 1/2                | 1   |
| 18    | YBFB10075 | BOLT FLANGE, 5/16 X 3/4 G5             | 8   |
| 19    | GM406     | JUNCTION BOX CORD                      | 1   |
| 20    | 77617     | JUNCTION BOX KIT, INCLUDES ITEM 9 & 19 | 1   |
| 21    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5              | 6   |
| 22    | YNFG08010 | NUT FLANGE, 1/4                        | 6   |
| 23    | 90847     | SCALE BRACKET                          | 1   |
| 24    | 85120     | SCALE BRACKET, POST                    | 1   |
| 25    | YBFB10175 | BOLT FLANGE, 5/16 X 1-3/4 G5           | 1   |
| 26    | 85125     | SCALE BRACKET                          | 1   |
| 27    | 57399     | HORN ALARM PACK/BRKT                   | 1   |
| 28    | 96635     | HORN BRACKET                           | 1   |
|       |           |                                        |     |
|       |           |                                        |     |
|       |           |                                        |     |
|       |           |                                        |     |
|       |           |                                        |     |
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|       |           |                                        |     |





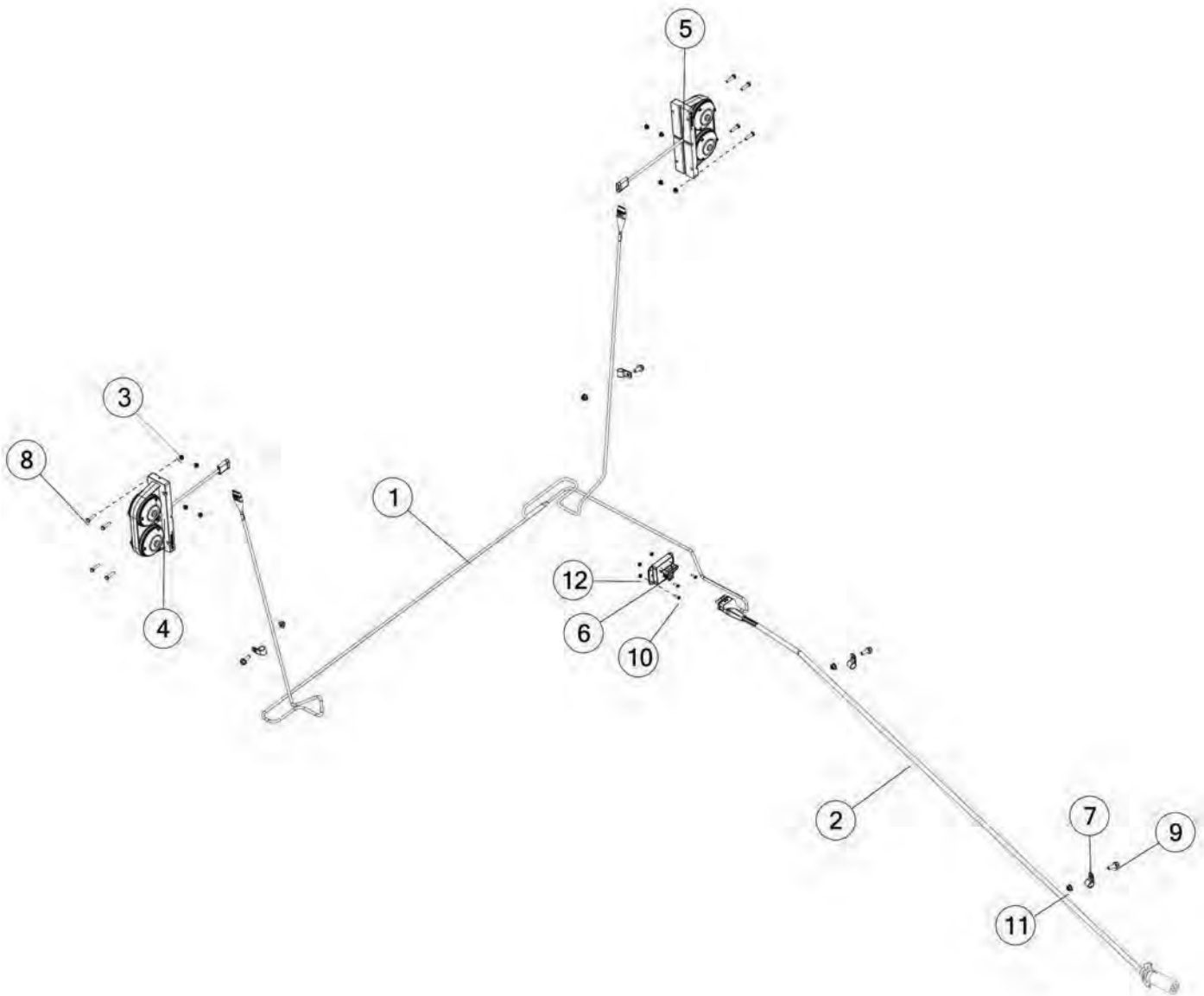


# FIGURE 28

## GEARBOX

| REF # | PART #    | DESCRIPTION                 | QTY |
|-------|-----------|-----------------------------|-----|
| 1     | 18VB20    | BOTTOM HOUSING              | 1   |
| 2     | 86140     | TOP HOUSING                 | 1   |
| 3     | 88893     | SHAFT                       | 1   |
| 4     | 88894     | SHAFT                       | 1   |
| 5     | 88895     | GEAR                        | 1   |
| 6     | G53       | BEARING CONE                | 1   |
| 7     | 88896     | BEARING CONE                | 1   |
| 8     | 88897     | BEARING CUP                 | 1   |
| 9     | 18VB25    | RACE                        | 1   |
| 10    | 18VB34    | SEAL                        | 2   |
| 11    | 86150     | SEAL                        | 1   |
| 12    | YSHS12008 | BOLT SOCKET, 3/8 X 1-1/2 G8 | 9   |
| 13    | HGV95     | PLUG, 1/2 NPT               | 1   |
| 14    | SD133     | BUSHING, 1/2 TO 1/8         | 1   |
| 15    | 86156     | PLUG VENT, 1/8              | 1   |
| 16    | 88898     | SPACER                      | 1   |
| 17    | 88899     | KEY                         | 1   |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |
|       |           |                             |     |

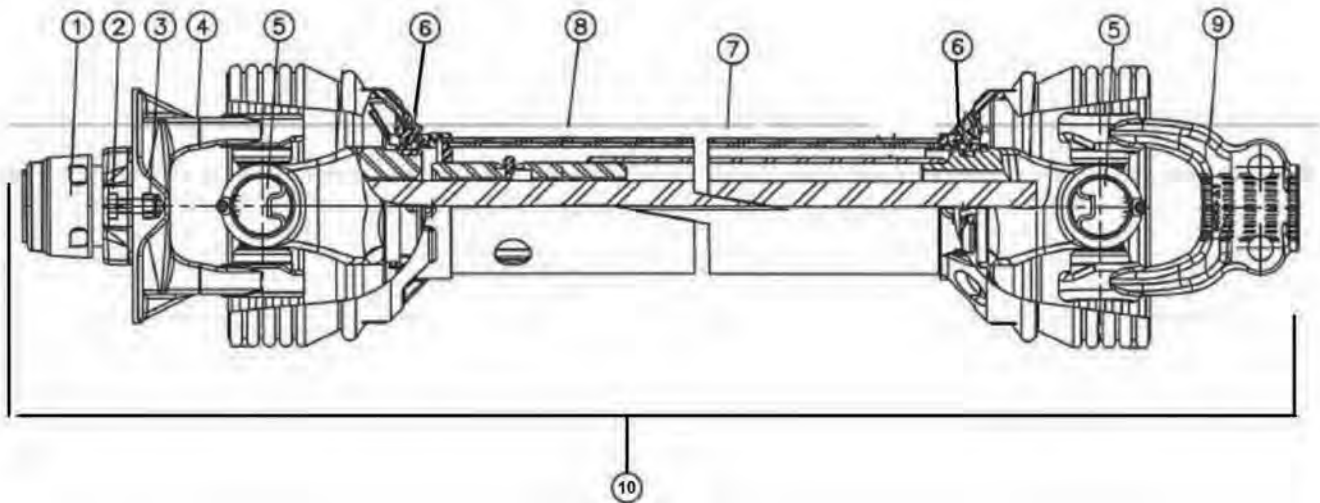






# LIGHTS

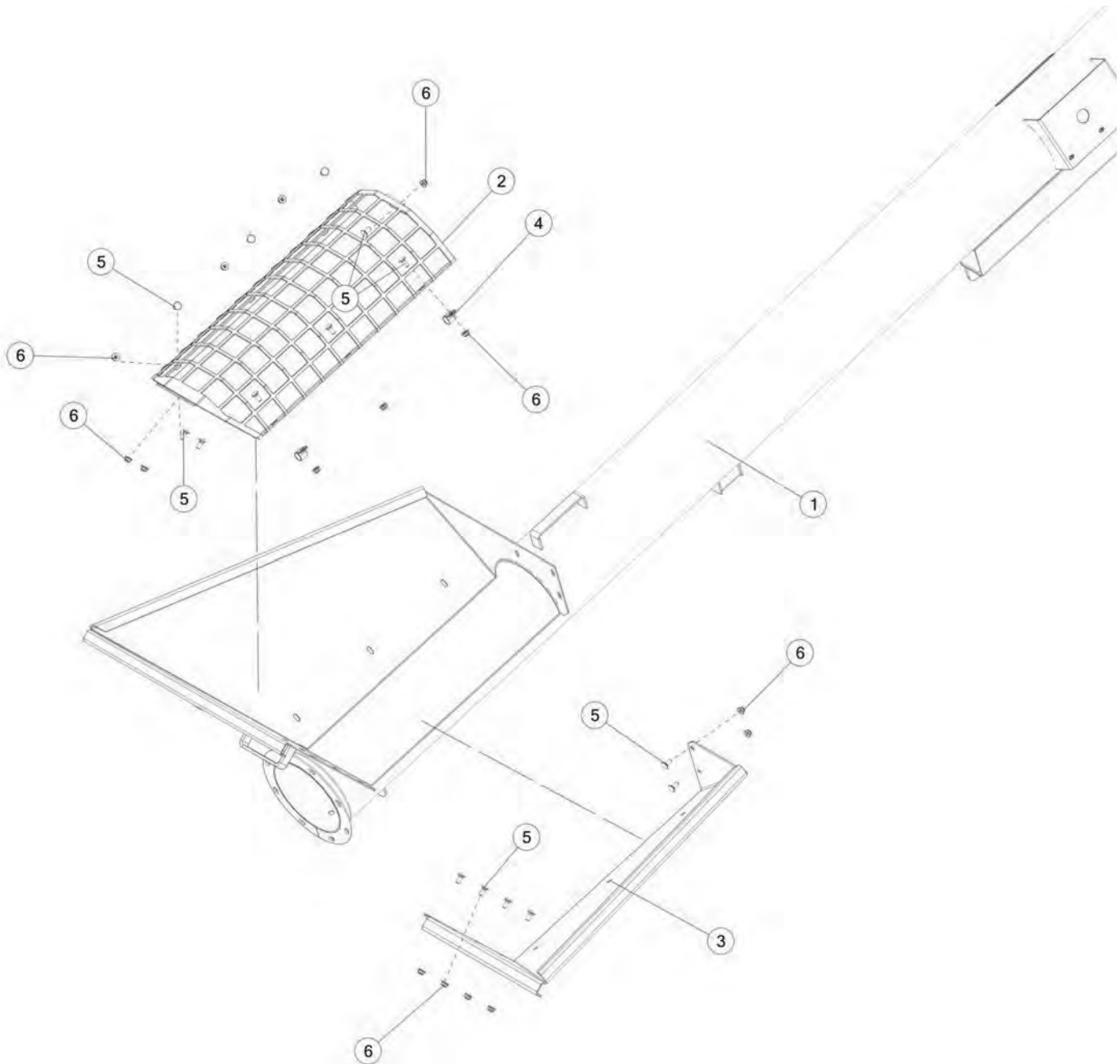






## 540 RPM PTO





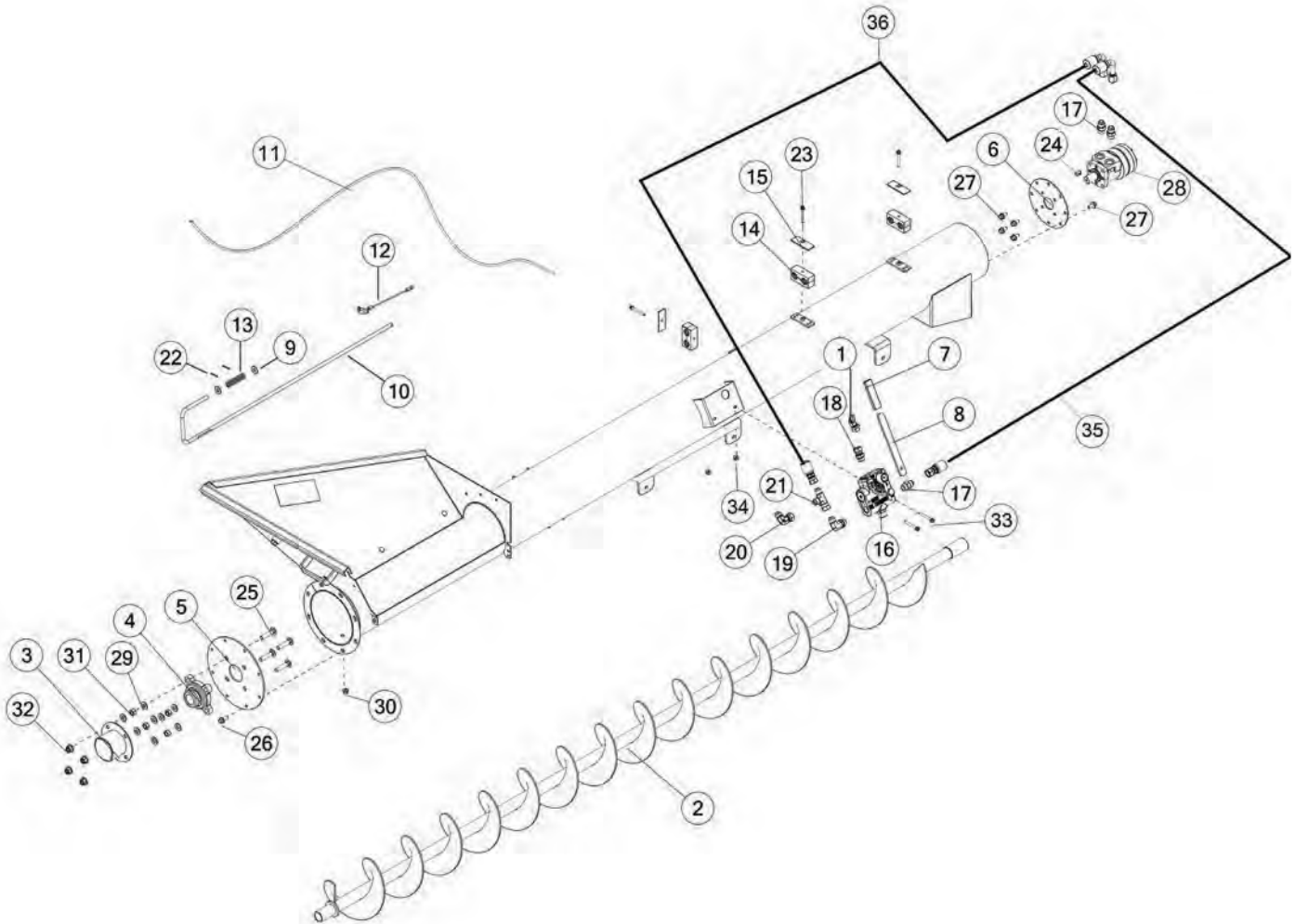


## FIGURE 31

## CONVENTIONAL SWINGING INTAKE AUGER

### OPTIONAL (RMOSIA)

[illegible]





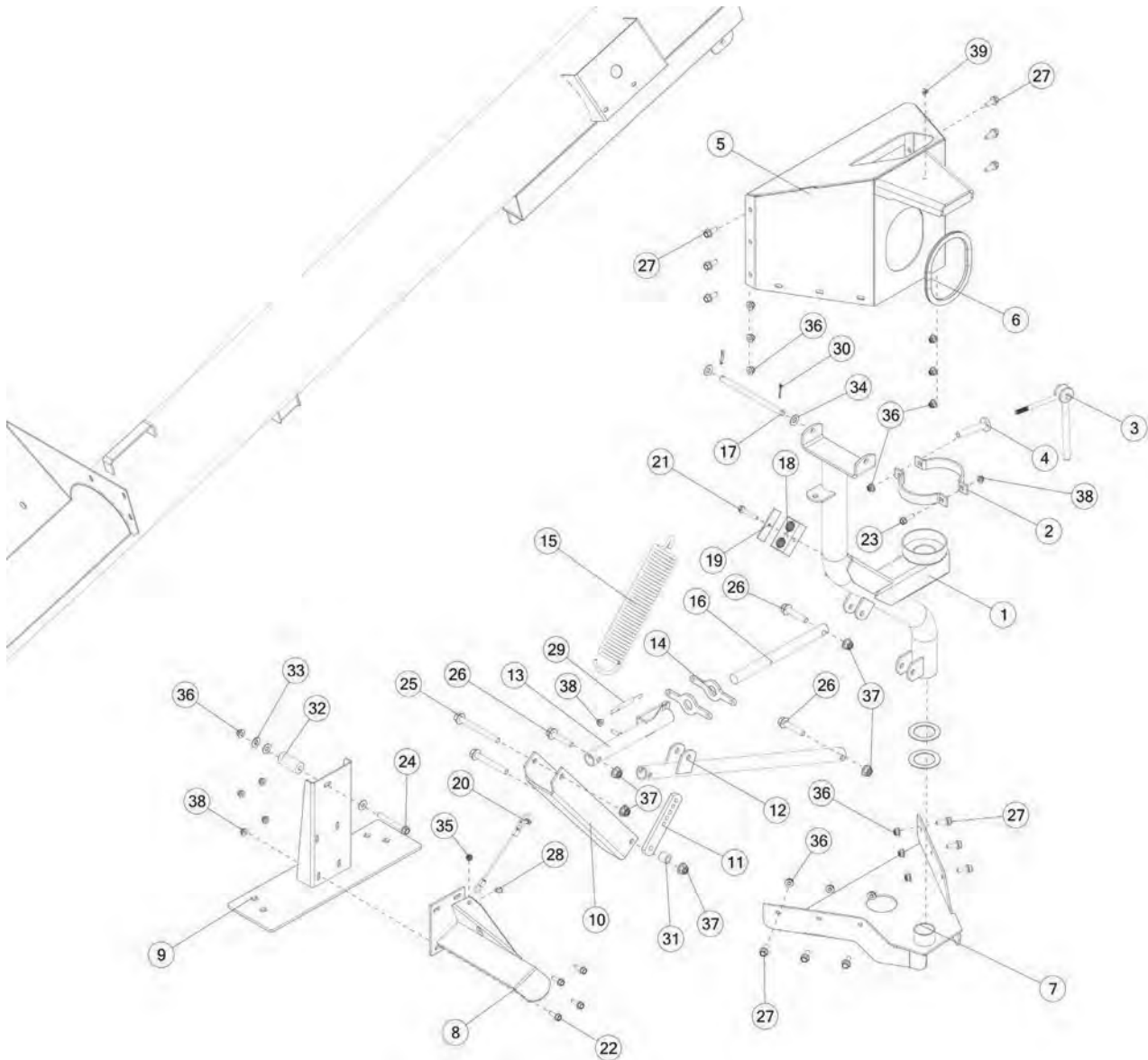
# FIGURE 32

## CONVENTIONAL SWINGING INTAKE AUGER

### OPTIONAL (RMOSIA)

| REF # | PART #    | DESCRIPTION                          | QTY |
|-------|-----------|--------------------------------------|-----|
| 1     | 92905     | FITTING 45, 10JIC, 10JIC             | 1   |
| 2     | 91110     | INFEED AUGER, 8IN                    | 1   |
| 3     | 89611     | BEARING FLANGE GUARD                 | 1   |
| 4     | 78670     | BALL BEARING, 1.50                   | 1   |
| 5     | 85629     | AUGER DRIVE CAP                      | 1   |
| 6     | GM245     | AUGER INNER DRIVE CAP                | 1   |
| 7     | GM370     | HANDLE GRIP                          | 1   |
| 8     | 89976     | HANDLE BRACKET                       | 1   |
| 9     | YWFL16005 | WASHER FLAT, 1/2                     | 2   |
| 10    | 91105     | HANDLE LATCH                         | 1   |
| 11    | GM434     | TRIP ROPE                            | 1   |
| 12    | GM572     | LANYARD, CLIP PIN CABLE              | 1   |
| 13    | 17G128    | COIL SPRING                          | 1   |
| 14    | 86579     | HOSE CLAMP, DOUBLE, 5/8              | 3   |
| 15    | 86581     | T4 HOSE CLAMP COVER                  | 3   |
| 16    | GM20      | FLOW CONTROL                         | 1   |
| 17    | GM57      | FITTING, STRAIGHT, 10JIC, 10ORB, STL | 1   |
| 18    | 84907     | FITTING, STRAIGHT, 5/8 JIC, 10 ORB   | 1   |
| 19    | GM56      | FITTING, 90, 10JIC X 10ORB           | 1   |
| 20    | 83997     | FITTING, 90, 10 JIC, 10 JIC          | 1   |
| 21    | GM55      | FITTING, TEE, 10JIC X 10JIC X 10JIC  | 1   |
| 22    | YPCT06002 | COTTER PIN, 3/16 X 1                 | 2   |
| 23    | YBFB10200 | BOLT FLANGE, 5/16 X 2 G5             | 3   |
| 24    | 5B10      | WOODRUFF KEY, 1/4 X 1                | 1   |
| 25    | YBCR16023 | BOLT CARRIAGE, 1/2-13 X 2-1/4 G5 ZC  | 4   |
| 26    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5              | 8   |
| 27    | YBFB12075 | BOLT FLANGE, 3/8 X 3/4 G5            | 4   |
| 28    | 78105     | HYDRAULIC MOTOR, 7.3CI               | 1   |
| 29    | YWFL16010 | WASHER FLAT, SAE 1/2                 | 8   |
| 30    | YNFG12006 | NUT FLANGE, 3/8 GF                   | 8   |
| 31    | YNHX16005 | NUT HEX, 1/2-13 NAA ZC               | 4   |
| 32    | YNFG16003 | NUT FLANGE, 1/2 GF                   | 4   |
| 33    | YBFB08250 | BOLT FLANGE, 1/4 X 2-1/2             | 2   |
| 34    | YNFG08010 | NUT FLANGE, 1/4                      | 2   |
| 35    | 91113     | HYDRAULIC HOSE, 10, 66 1/2           | 1   |
| 36    | 91114     | HYDRAULIC HOSE, 10, 76 1/2           | 1   |
|       |           |                                      |     |
|       |           |                                      |     |







# FIGURE 33

## CONVENTIONAL SWINGING INTAKE AUGER

### OPTIONAL (RMOSIA)

| REF # | PART #    | DESCRIPTION                  | QTY |
|-------|-----------|------------------------------|-----|
| 1     | GM212     | TUBE TROUGH PIVOT            | 1   |
| 2     | GM213     | BRAKE BAND                   | 2   |
| 3     | GM217     | TIGHTENER ASSY               | 1   |
| 4     | GM216     | SPACER ASSY                  | 1   |
| 5     | 90998     | PIVOT SUPPORT TOP            | 1   |
| 6     | 93717     | EDGING 5 X 6.875             | 1   |
| 7     | 91003     | SUPPORT PIVOT LOWER          | 1   |
| 8     | 90693     | INFEED SUPPORT BRACKET       | 1   |
| 9     | 95643     | VERTICAL SUPPORT             | 1   |
| 10    | GM203     | SEGMENT LIFT SUPPORT         | 1   |
| 11    | GM206     | SPRING ADJUSTMENT            | 1   |
| 12    | GM207     | PIVOT LINKAGE                | 1   |
| 13    | GM209     | TUBE LIFT ASSY               | 1   |
| 14    | GM210     | AUGER LIFT LOCK              | 2   |
| 15    | GM204     | SPRING                       | 1   |
| 16    | GM211     | SHAFT LIFT                   | 1   |
| 17    | GM458     | PIVOT PIN                    | 1   |
| 18    | 86579     | HOSE CLAMP, DOUBLE, 5/8      | 1   |
| 19    | 86581     | T4 HOSE CLAMP COVER          | 1   |
| 20    | GM572     | LANYARD, CLIP PIN CABLE      | 1   |
| 21    | YBFB10200 | BOLT FLANGE, 5/16 X 2 G5     | 1   |
| 22    | YBFB10001 | BOLT FLANGE, 5/16 X 1 G5     | 4   |
| 23    | YBFB10125 | BOLT FLANGE, 5/16 X 1-1/4 G5 | 1   |
| 24    | YBFB12350 | BOLT FLANGE, 3/8 X 3-1/2 G5  | 1   |
| 25    | YBFB16500 | BOLT FLANGE, 1/2 X 5 G5      | 2   |
| 26    | YBFB16250 | BOLT FLANGE, 1/2 X 2-1/2 G5  | 3   |
| 27    | YBFB12003 | BOLT FLANGE, 3/8 X 1 G5      | 9   |
| 28    | YBFB08075 | BOLT FLANGE, 1/4 X 3/4 G5    | 1   |
| 29    | GM208     | LATCH SPRING                 | 1   |
| 30    | YPCT06002 | COTTER PIN, 3/16 X 1         | 2   |
| 31    | GM205     | SPACER                       | 1   |
| 32    | 90244     | CYLINDER SPACER, 2-1/2       | 1   |
| 33    | YWFL12005 | WASHER, FLAT, 3/8            | 3   |
| 34    | YWFL16010 | WASHER, FLAT, SAE 1/2        | 2   |
| 35    | YNFG08010 | NUT FLANGE, 1/4 GF           | 1   |
| 36    | YNFG12006 | NUT FLANGE, 3/8 GF           | 11  |
| 37    | YNFG16003 | NUT FLANGE, 1/2 GF           | 5   |
| 38    | YNFG10005 | NUT FLANGE, 5/16 GF          | 5   |
| 39    | RG51      | ZERK, 90 DEGREE 1/4-28       | 1   |

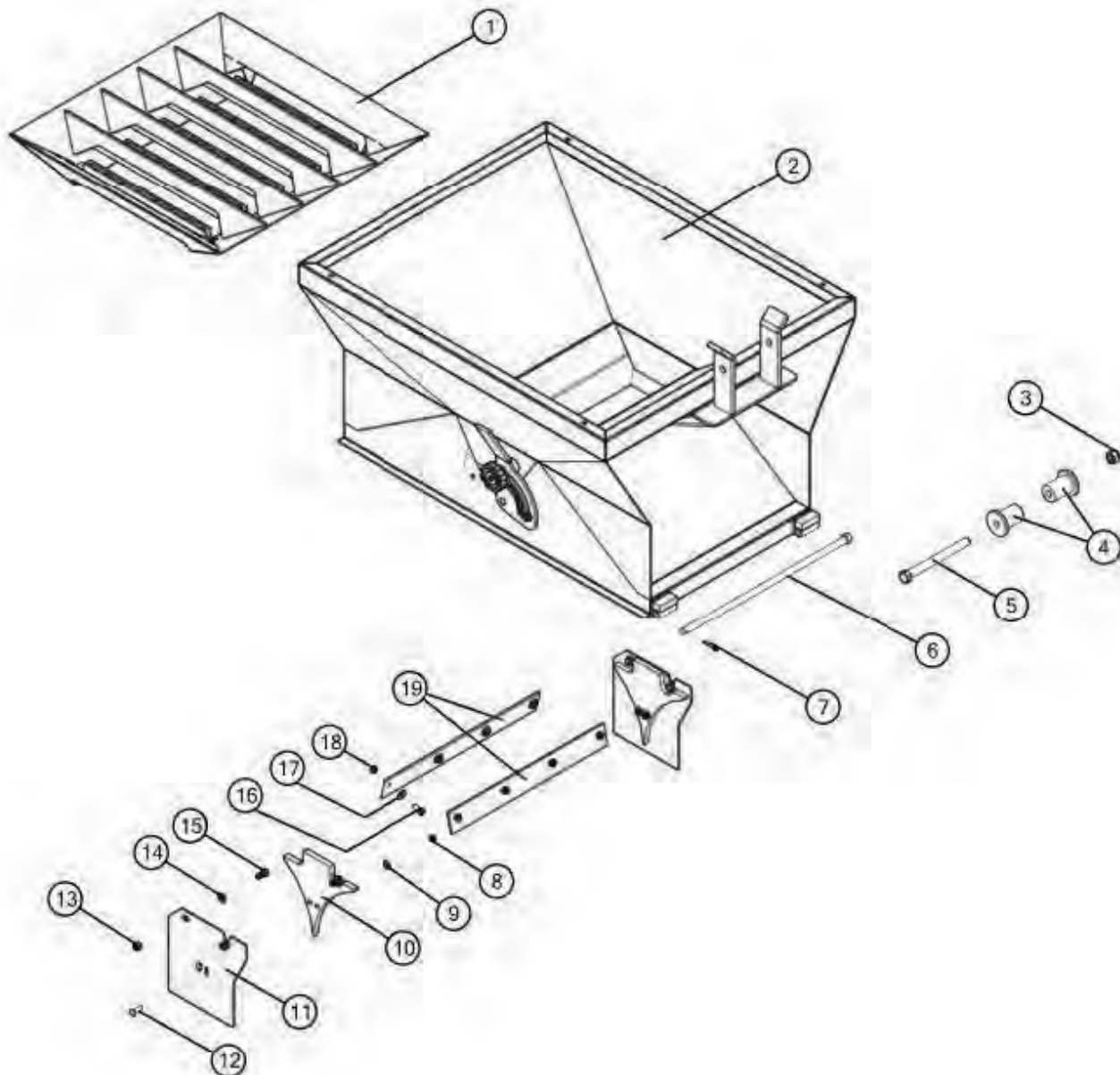


**RM7117**



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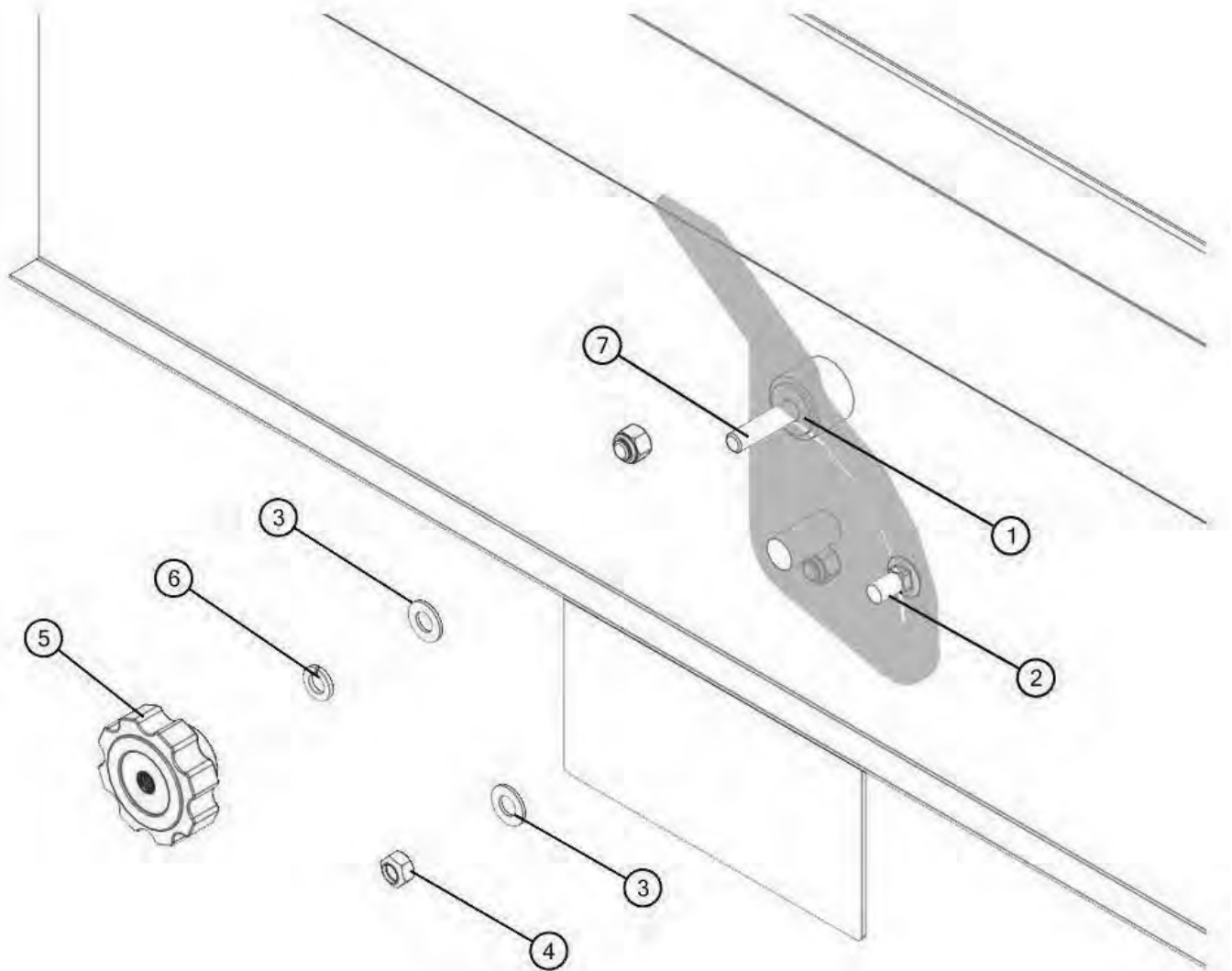
[illegible]





## TOP HOPPER



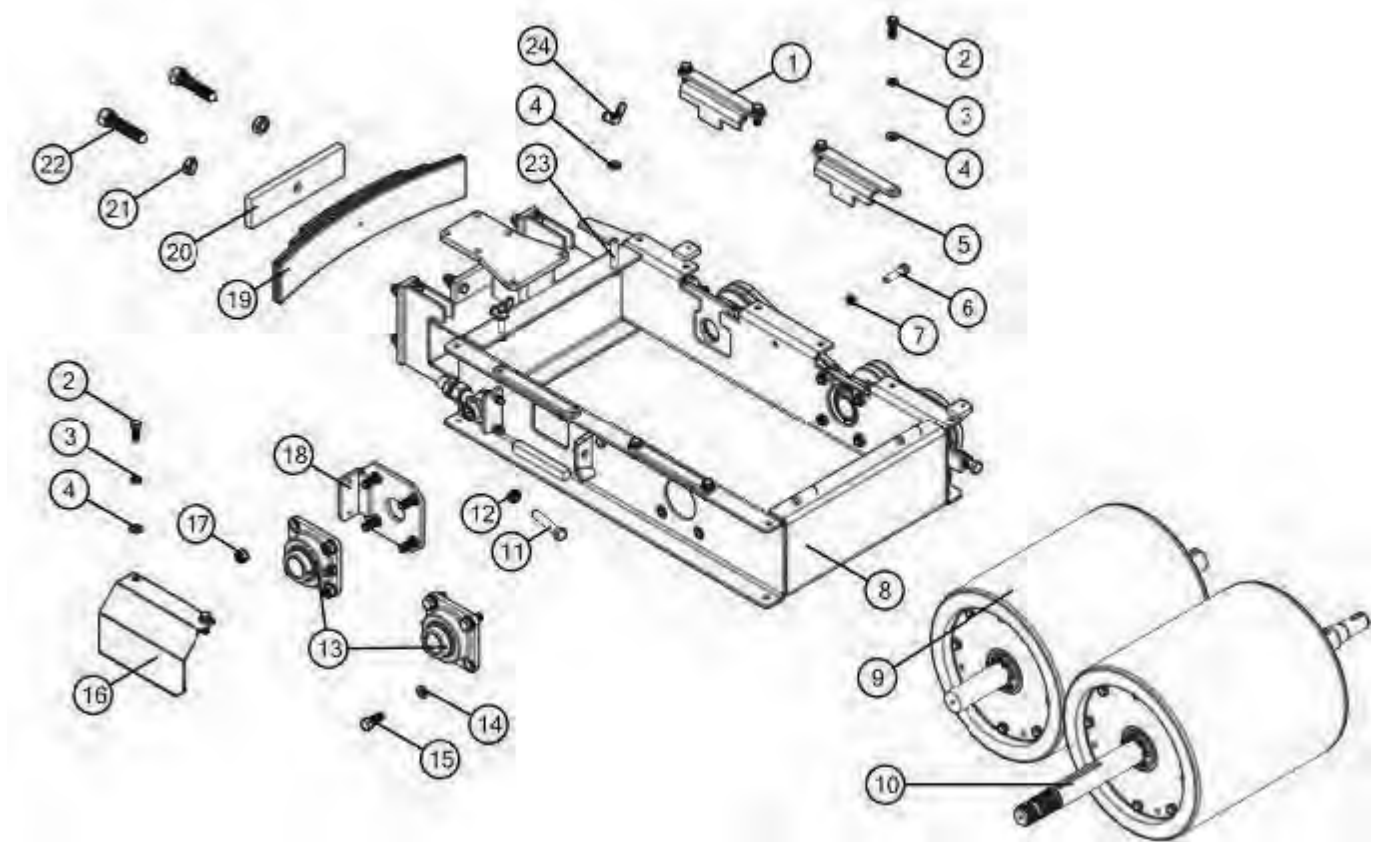




## FIGURE 2

### TOP HOPPER (KNOB)

[illegible]

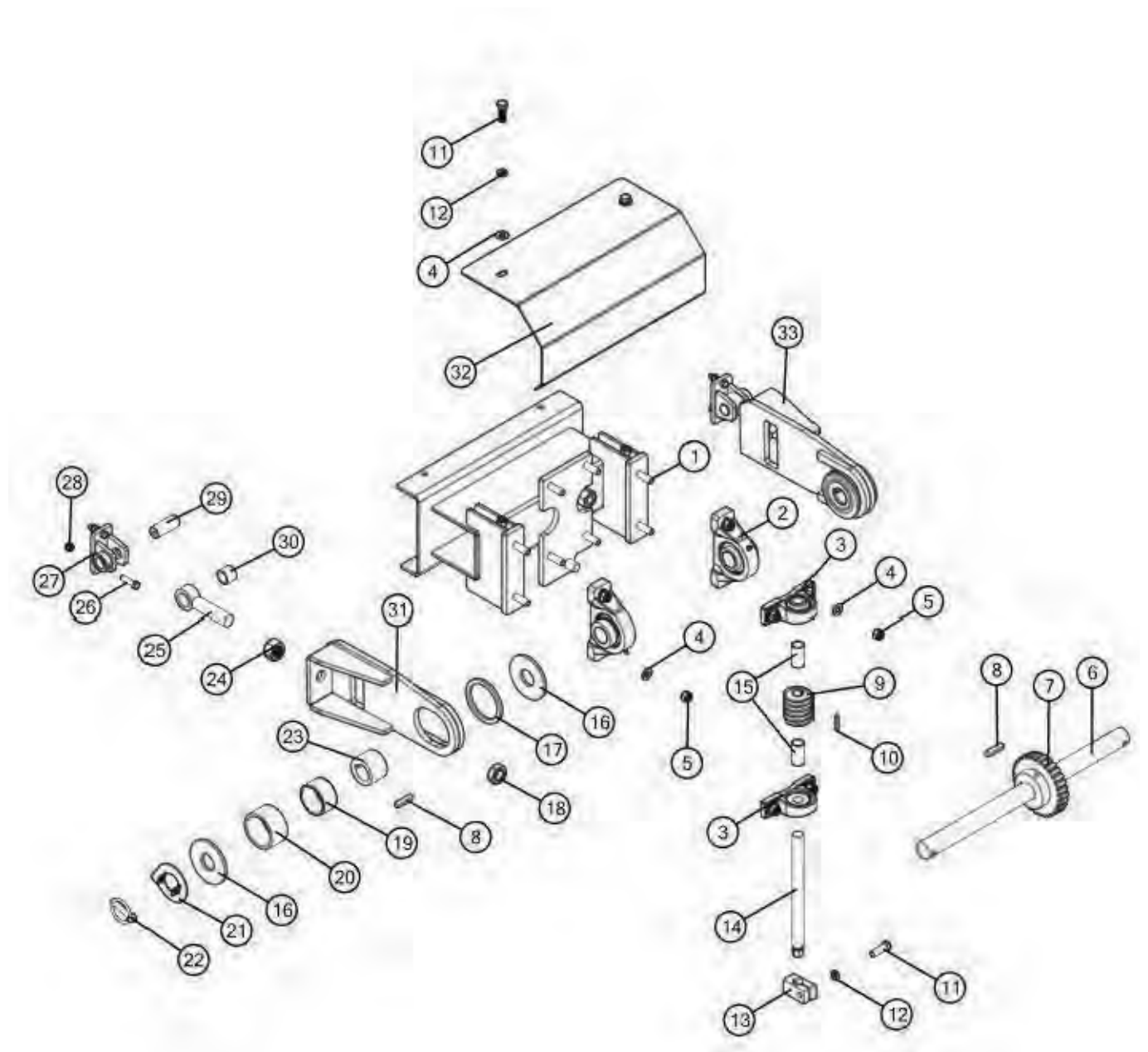




### FIGURE 3

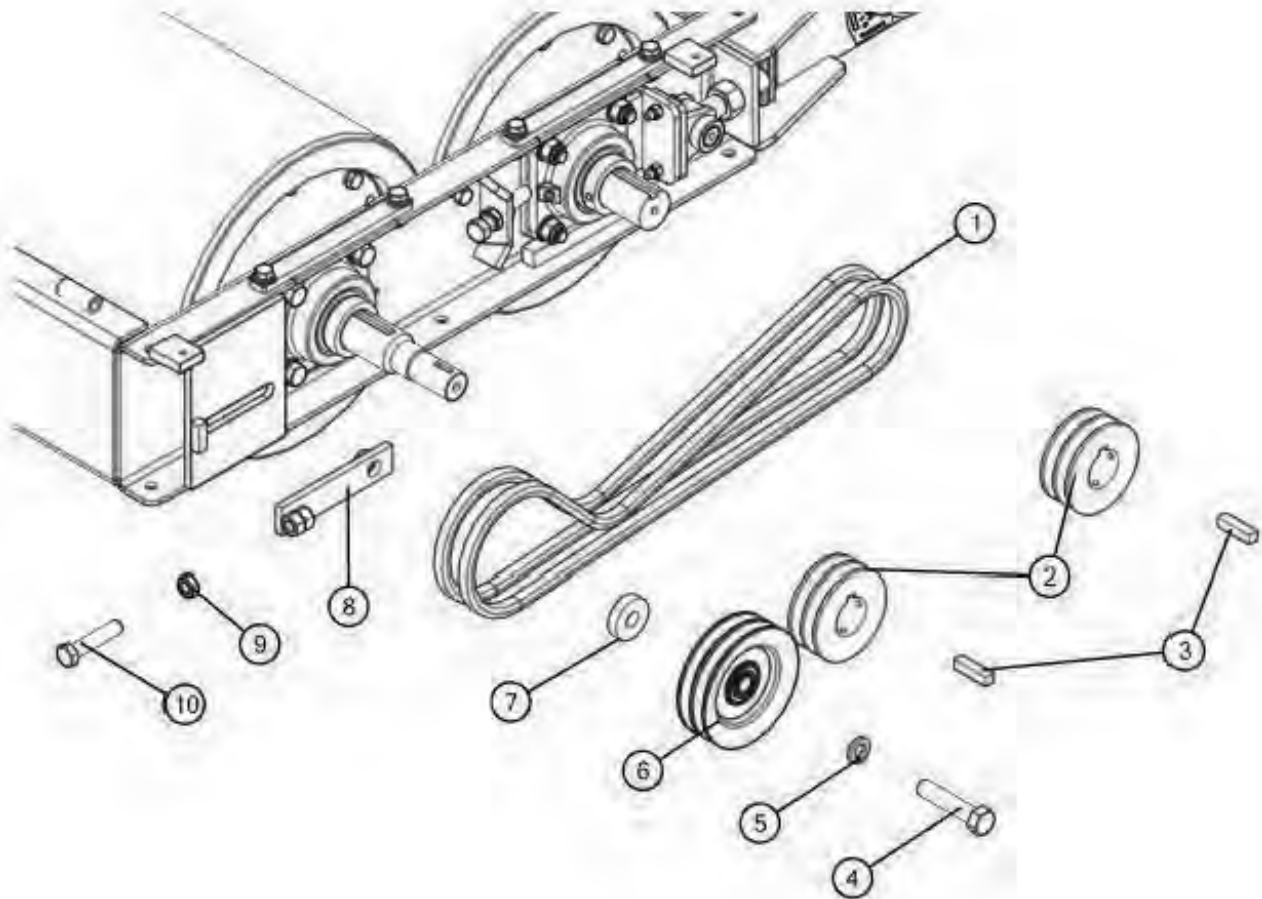
#### ROLLER MILL UPPER HALF

[illegible]



| REF # | PART #       | DESCRIPTION                                      | QTY |
|-------|--------------|--------------------------------------------------|-----|
| 1     | YBHH16065    | HEX BOLT - 1/2" NC X 2" GR.5 PL                  | 8   |
| 2     | RN1140000008 | 1-1/2" BEARING - PILLOW BLOCK                    | 2   |
| 3     | RN1139000914 | 7/8" BEARING - PILLOW BLOCK                      | 2   |
| 4     | YWFL16015    | FLAT WASHER - 1/2" SAE PLTD                      | 10  |
| 5     | YNNY16005    | NYLOC NUT - 1/2" NC GR.5 PL                      | 8   |
| 6     | RN4151000801 | CAM SHAFT - SPRING CAN ASSEMBLY - 18"            | 1   |
| 7     | RN1210000630 | WORM GEAR - 6DP - SINGLE START, 30 T, 1-1/2 " ID | 1   |
| 8     | RN4140000652 | 3/8" KEYSTOCK X 1-3/4"                           | 3   |
| 9     | RN1200000601 | STEEL WORM 6DP SINGLE START RH 7/8" ID           | 1   |
| 10    | RN4140000582 | 3/16" KEYSTOCK X 1-1/2"                          | 1   |
| 11    | YBHH16030    | HEX BOLT - 1/2" NC X 1-1/2" GR.5 PL              | 3   |
| 12    | YWLO16010    | LOCK WASHER - 1/2" PL                            | 3   |
| 13    | RN4140000243 | WORM WHEEL BRAKE                                 | 1   |
| 14    | RN6151000361 | WORM SHAFT - 7/8" X 11"-3/4"                     | 1   |
| 15    | RN4136000114 | WORM GEAR SPACER                                 | 2   |
| 16    | RN4151000361 | CAPPING WASHER                                   | 4   |
| 17    | RN4151000360 | SPACING WASHER                                   | 2   |
| 18    | YNJM32005    | JAM NUT - 1" NF RH GR.5 BL                       | 2   |
| 19    | RN4151000217 | OILITE BUSHING - 2-3/8" X 2-3/4" X 1-1/2"        | 2   |
| 20    | RN4151000215 | OILITE BUSHING - 2-3/4" X 3-1/4" X 1-3/4"        | 2   |
| 21    | RN4831000707 | CAM POSITION INDICATOR - 1-1/2"                  | 2   |
| 22    | RN1615000455 | LYNCH PIN - 7/16" X 1-3/4"                       | 2   |
| 23    | RN4151000034 | SPRING CAM HUB                                   | 2   |
| 24    | YNHX32005    | HEX NUT - 1" NF GR.5 BL RH                       | 2   |
| 25    | RN6151000304 | ADJUSTER EYE ROD                                 | 2   |
| 26    | YBHH12025    | HEX BOLT - 3/8" NC X 1-1/2 GR.5 PL               | 4   |
| 27    | RN6130000069 | CLEVIS WELDMENT                                  | 2   |
| 28    | YNNY12005    | NYLOC NUT - 3/8" NC GR.5 PL                      | 4   |
| 29    | RN4140000239 | CAM PIVOT PIN - 1" X 2-1/2"                      | 2   |
| 30    | RN1135000126 | OILITE BUSHING - 1" X 1-1/4" X 1"                | 2   |
| 31    | RN6151000220 | PULL PLATE - LH                                  | 1   |
| 32    | RN4151000802 | SPRING CAM ADJUSTER SHIELD                       | 1   |
| 33    | RN6151000219 | PULL PLATE - RH                                  | 1   |
|       |              |                                                  |     |
|       |              |                                                  |     |
|       |              |                                                  |     |



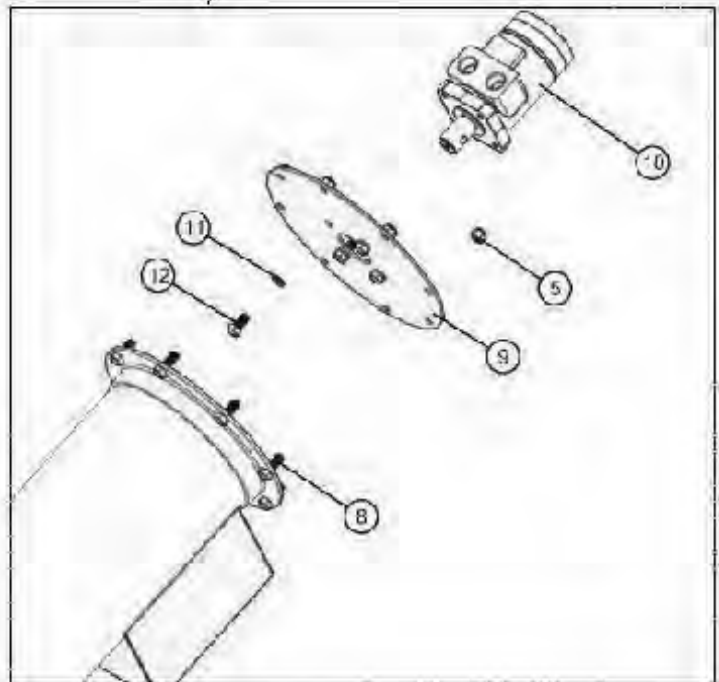
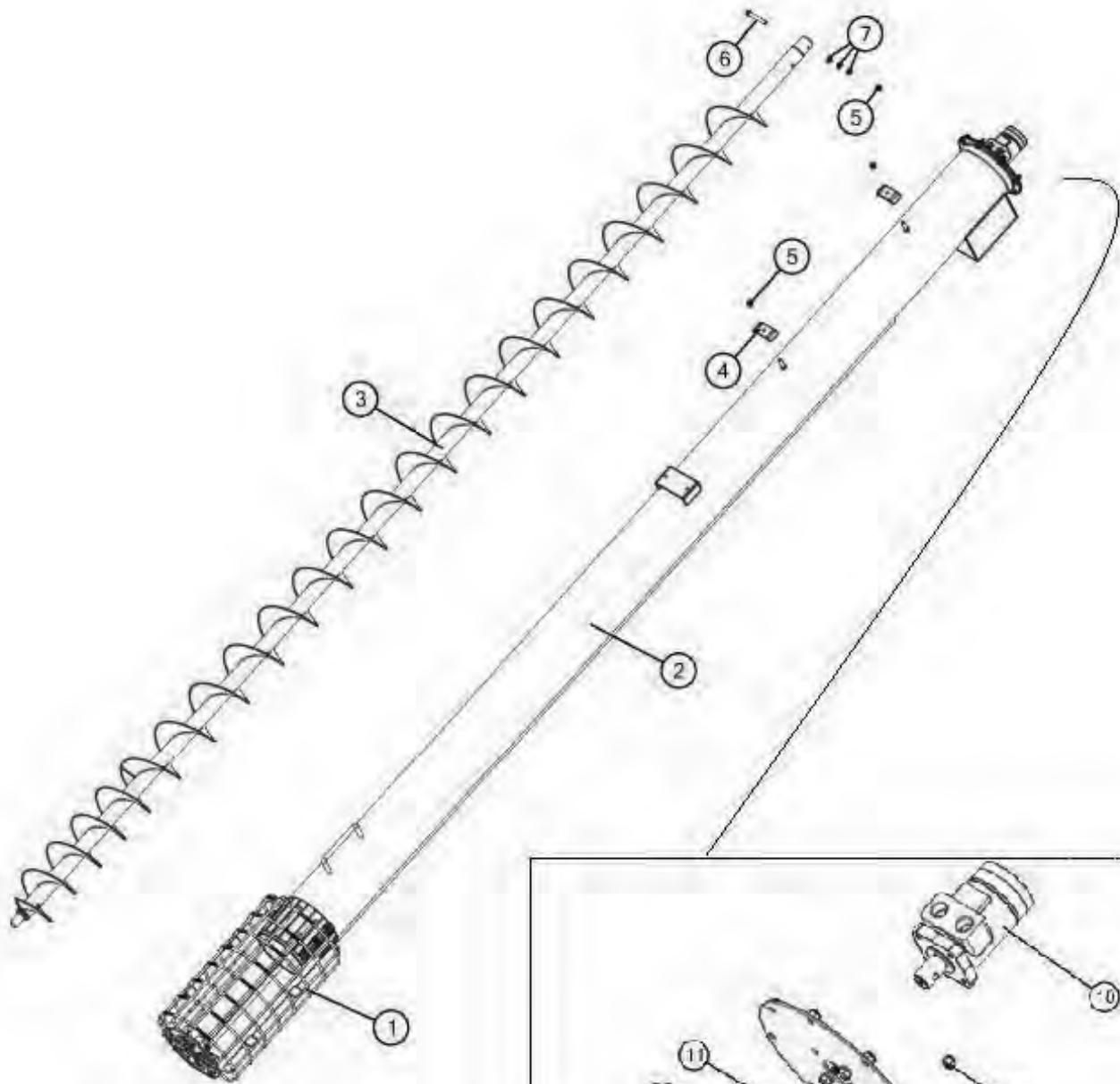




## FIGURE 5

### ROLL DRIVE REAR

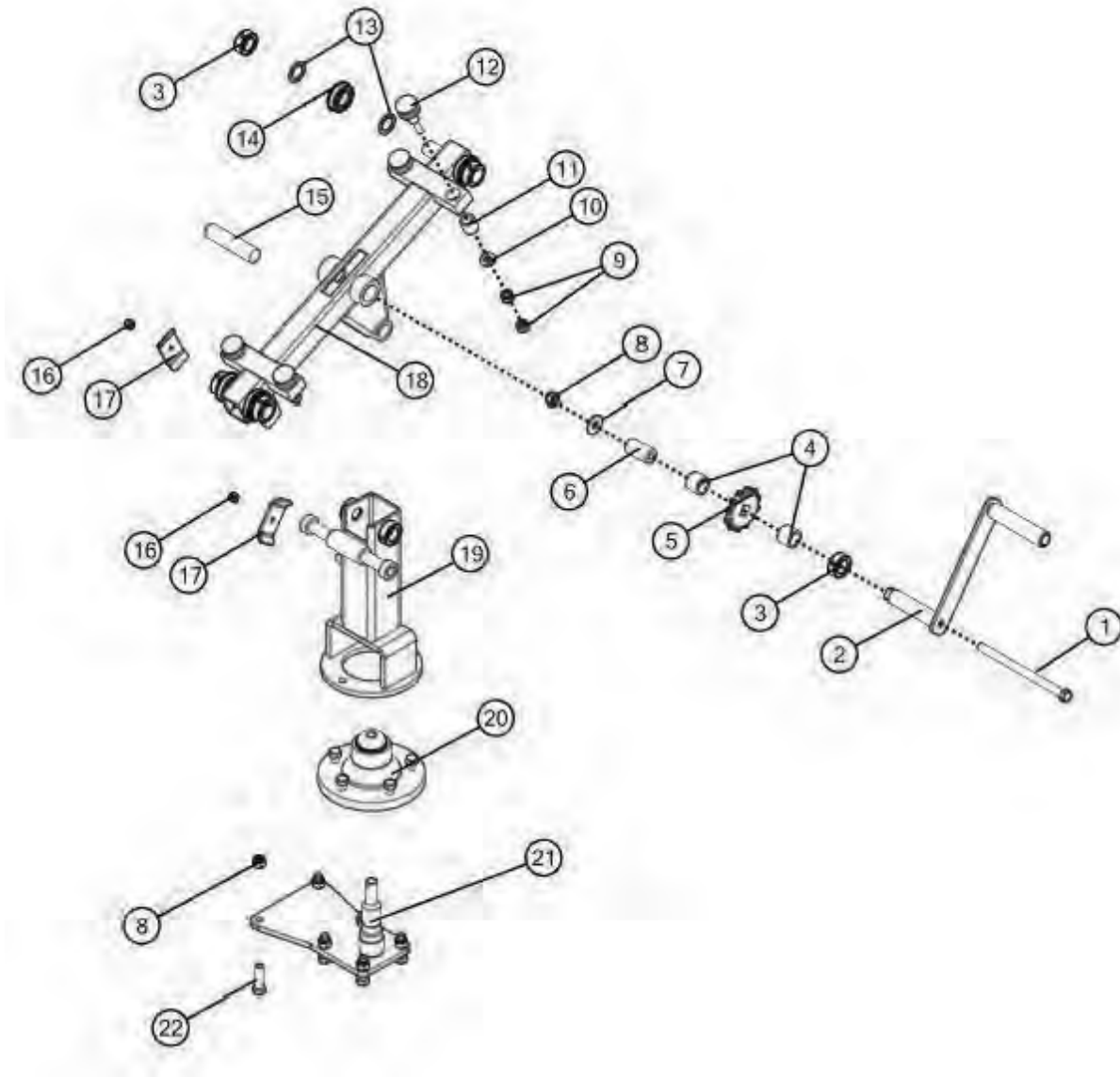
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## FIGURE 7

### CRANK ASSEMBLY

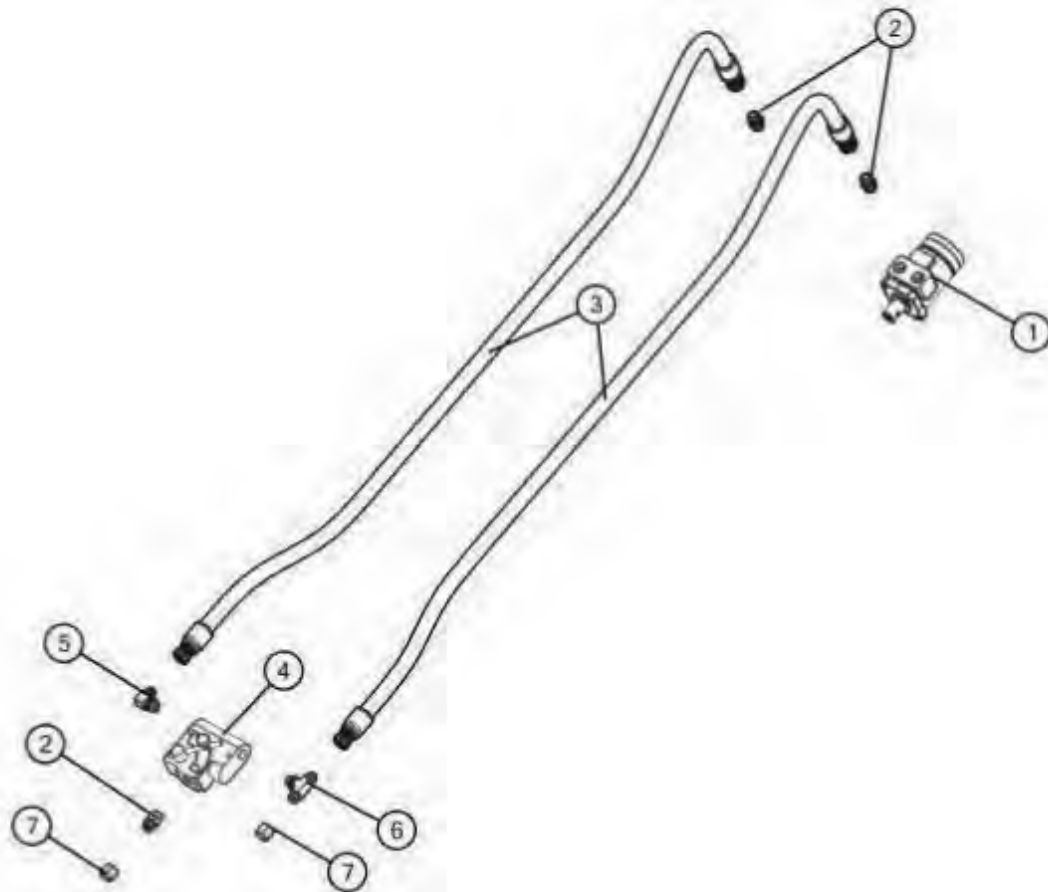




## FIGURE 7

### CRANK ASSEMBLY

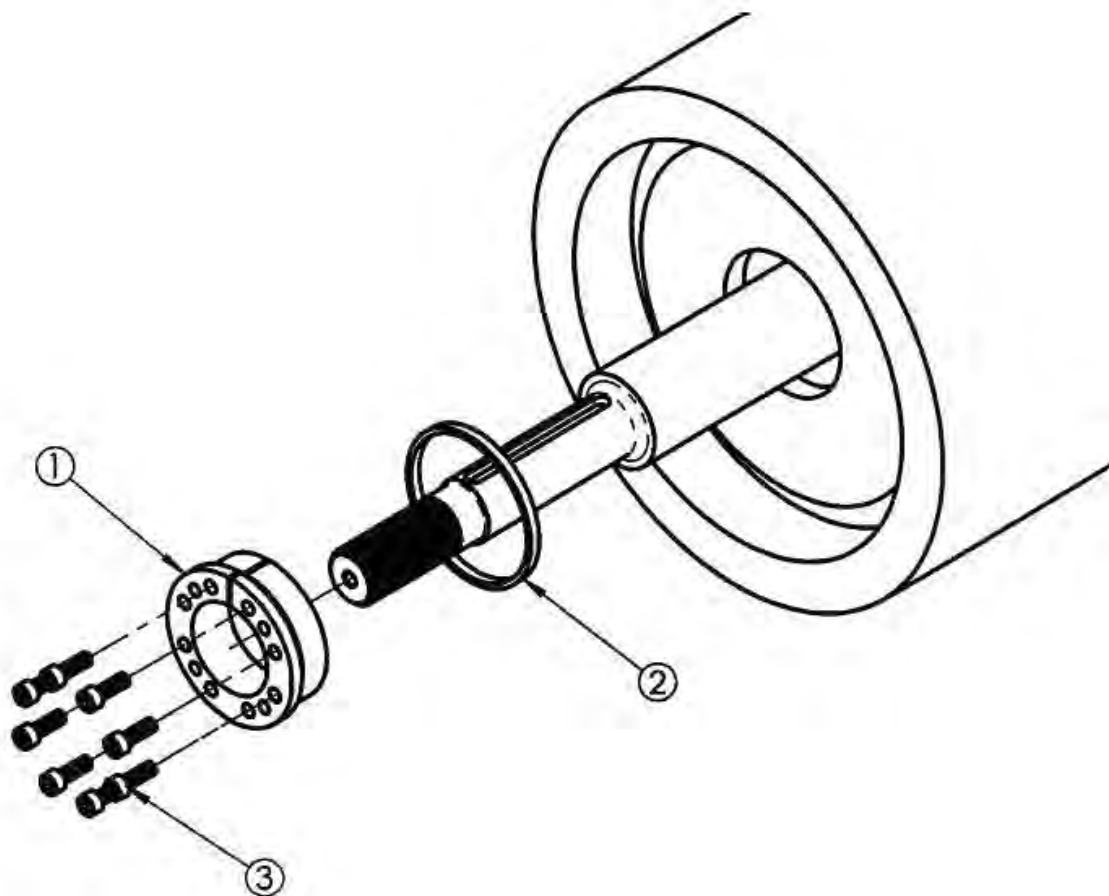
[illegible]





## FIGURE 8 FEEDER AUGER HYDRAULICS

[illegible]





| Roll Size<br>Dia x Length | [ #1 ]<br>B-Loc Hub<br>Part # & I/D | [ #2 ]<br>B-Loc<br>Spacer Ring<br>& Size | [ #3 ]<br>Socket Head Cap Screw<br>(QTY) & Size | Tightening<br>Torque<br>(ft-lbs) |
|---------------------------|-------------------------------------|------------------------------------------|-------------------------------------------------|----------------------------------|
| 8-5/8" n x 10"            | 141000-0001 1-3/8"                  | N/A                                      | (8) 6mm x 1.0 x 20mm                            | 12                               |
| 10-5/8" n x 16"           | 141000-0002 1-15/16"                | N/A                                      | (7) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 12"               | 141000-0002 1-15/16"                | N/A                                      | (7) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 18"               | 141000-0002 1-15/16"                | N/A                                      | (7) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 24"               | 141000-0002 1-15/16"                | N/A                                      | (7) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 24H               | 141000-0004 2-7/16"                 | N/A                                      | (9) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 30"               | 141000-0004 2-7/16"                 | N/A                                      | (9) 8mm x 1.25 x 25mm                           | 30                               |
| 16" n x 30H               | 141000-0003 2-15/16"                | 141000-0006                              | (8) 10mm x 1.5 x 30mm                           | 60                               |
| 16" n x 36"               | 141000-0003 2-15/16"                | 141000-0006                              | (8) 10mm x 1.5 x 30mm                           | 60                               |
| 16" n x 48"               | 141000-0003 2-15/16"                | 141000-0006                              | (8) 10mm x 1.5 x 30mm                           | 60                               |

