

# MAGNUM SRA SERIES

## PARTS MANUAL



**MAGNUM 300SRA**  
**MAGNUM 420SRA**  
**MAGNUM 480SRA**

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RE-ORDER NUMBER: SRAMANUAL  
REVISION: SRA-100025





## **SRA SERIES**

# **MAGNUM 300SRA/420SRA/480SRA PARTS MANUAL**

The purpose of this manual is for parts identification of the Magnum SR series harvester. This manual is not to be used for assembly. This manual includes parts lists and illustrations of all available replacement parts for the Magnum SR series harvesters. A table of contents is placed at the beginning of the manual for location of specific parts. Keep this manual available for reference in the shop area.

At the time of publication all information contained in this manual was technically correct. However, all materials and specifications are subject to change without notice.

Comments and suggestions about this manual may be directed to: Bucyrus Equipment Co., Inc., PO Box 156-209 Main, Hillsdale, KS 66036. Phone 1-800-330-0857

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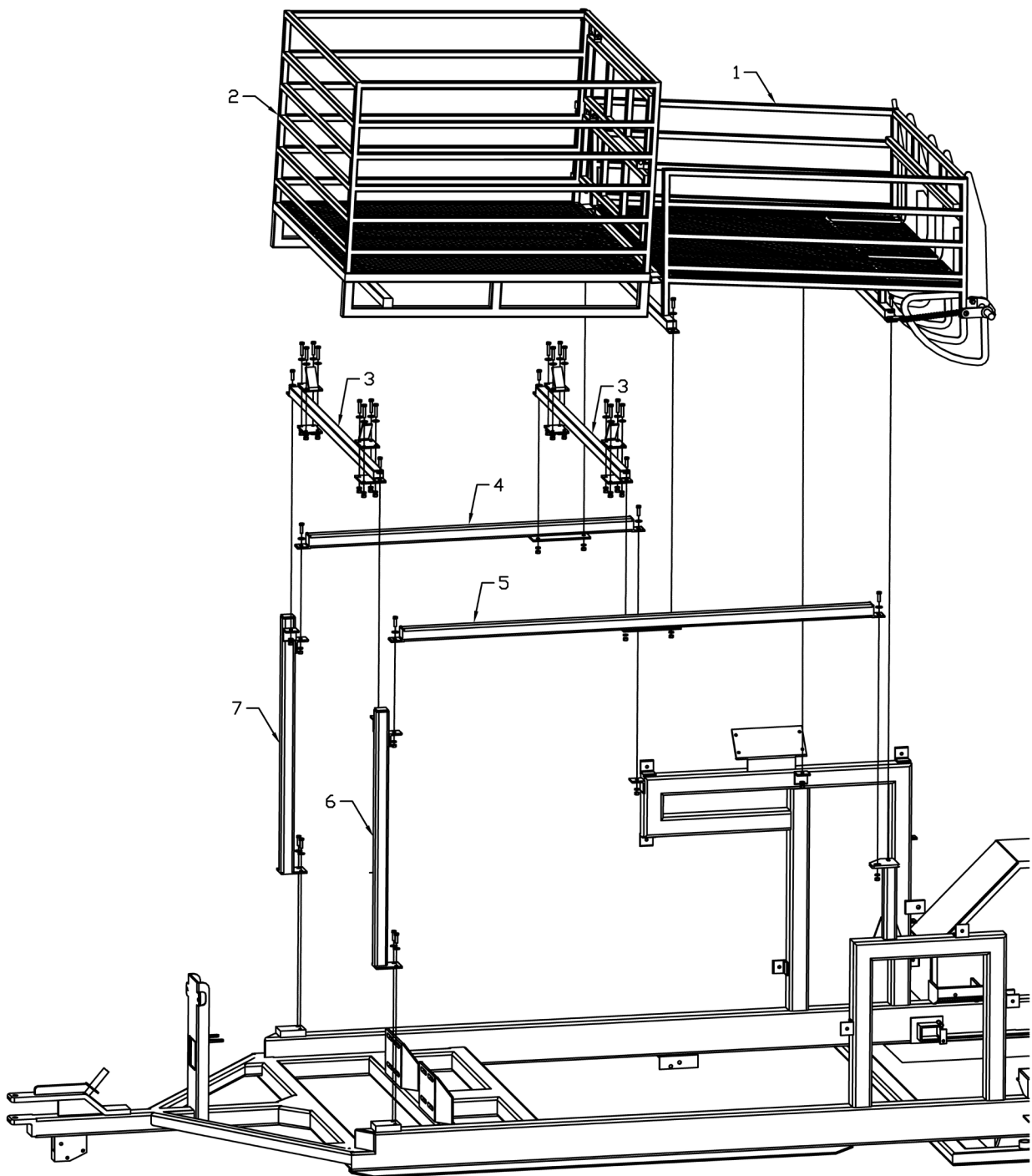
## TUBE RACK

| Parts List |     |                    |                                 |
|------------|-----|--------------------|---------------------------------|
| ITEM       | QTY | PART NUMBER        | DESCRIPTION                     |
| 1          | 1   | 300SRA-TR100 (300) | Rear tube rack                  |
| 1          | 1   | 420SRA-TR100 (420) | Rear tube rack                  |
| 1          | 1   | 480SRA-TR100 (480) | Rear tube rack                  |
| 2          | 1   | 300TR100 (300)     | Front tube rack                 |
| 2          | 1   | 420TR100 (420)     | Front tube rack                 |
| 2          | 1   | 480TR100 (480)     | Front tube rack                 |
| 3          | 2   | 480BR201           | Tube rack support               |
| 4          | 1   | 420MF245           | Right side horizontal support   |
| 5          | 1   | 420MF240           | Left side horizontal support    |
| 6          | 1   | 420MF230           | Left side upright support       |
| 7          | 1   | 420MF235           | Right side upright support      |
| 8          | 1   | 300TR125 (300)     | Lower tube gate                 |
| 8          | 1   | 420TR125 (420)     | Lower tube gate                 |
| 8          | 1   | 480TR125 (480)     | Lower tube gate                 |
| 9          | 1   | 300TR120 (300)     | Upper tube gate                 |
| 9          | 1   | 420TR120 (420)     | Upper tube gate                 |
| 9          | 1   | 480TR120 (480)     | Upper tube gate                 |
| 10         | 2   | 480TR137B          | Handle                          |
| 11         | 4   | 480TR140           | Rack guide                      |
| 12         | 4   | 480TR141           | Rack guide bottom plate         |
| 13         | 16  | 36304              | 5/16"-18 Hex Nut                |
| 14         | 16  | 33892              | 5/16" Split Lock Washer         |
| 15         | 16  | 13063              | 5/16"-18 x 2-1/2" Hex Cap Screw |
| 16         | 2   | 37212              | 3/8"-16 Reverse Lock Nut        |
| 17         | 2   | 13109              | 3/8"-16x1-1/2" Hex Cap Screw    |
| 18         | 5   | 37212              | 3/8"-16 Reverse Lock Nut        |
| 19         | 4   | 13105              | 3/8"-16x1" Hex Cap Screw        |
| 20         | 1   | 480TR139           | Side gate                       |
| 21         | 1   | 480TR142           | Side gate latch                 |
| 22         | 1   | 13111              | 3/8"-16 x 2" Hex Cap Screw      |
| 23         | 2   | 33815              | 3/8" SAE Flat Washer            |
| 24         | 1   | 33816              | 7/16" SAE Flat Washer           |
| 25         | 2   | 37266              | 7/16"-14 Top Lock Nut           |
| 26         | 2   | 13162              | 7/16"-14 x 2 1/4" Hex Cap Screw |
| 27         | 1   | SRA-TR200          | Sensor Mount                    |
| 28         | 1   | 480BR219           | Tube Feeder                     |
| 29         | 2   | 13211              | 1/2"-13 x 2" Hex Cap Screw      |
| 30         | 2   | 33817              | 1/2" SAE Flat Washer            |
| 31         | 2   | 37268              | 1/2"-13 Top Lock Nut            |
| 32         | 1   | 9-7257-4           | Hydraulic Cylinder              |
| 33         | 1   | SRA-TR202          | Cylinder Mount                  |
| 34         | 2   | FL100              | Flange bearing                  |
| 35         | 4   | 13159              | 7/16"-14 x 1-1/2" Hex Cap Screw |
| 36         | 4   | 33894              | 7/16" Split Lock Washer         |
| 37         | 4   | 36308              | 7/16"-14 Hex Nut                |

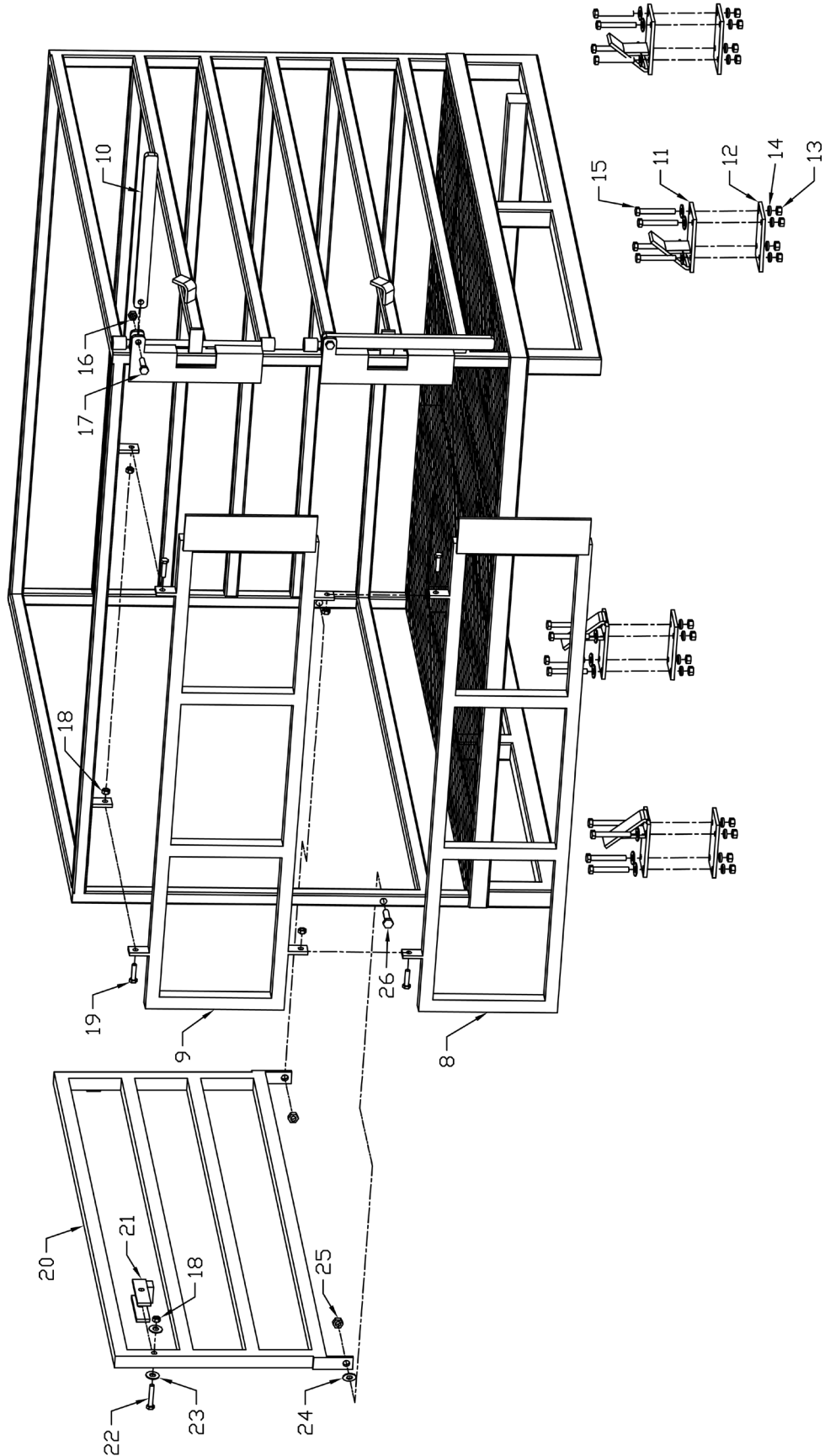
## TUBE RACK

|    |   |              |                                                  |
|----|---|--------------|--------------------------------------------------|
| 38 | 1 | 420SRA-TR100 | 420 SRA REAR TUBE RACK TUBE                      |
| 39 | 2 | SRA-TR101    | CAMERA GUARD                                     |
| 40 | 1 | SRA-EL202    | CAMERA MOUNT                                     |
| 41 | 1 | SRA-TR203    | Camera Mount                                     |
| 42 | 4 | 37207        | #10-24 REVERSE LOCK NUT                          |
| 43 | 4 | 28969        | 10-24 X 3/4 HEAD SCREW                           |
| 44 | 4 | 33074        | #10 FLAT WASHER                                  |
| 45 | 8 | 1133080      | 5/16" SAE WASHER                                 |
| 46 | 4 | 33815        | 3/8" SAE FLAT WASHER                             |
| 47 | 2 | 36306        | 3/8"-16 HEX NUT                                  |
| 48 | 2 | 33893        | 3/8" LOCK WASHER                                 |
| 49 | 2 | 13111        | 3/8" - 16 X 2" CAP SCREW BOLT                    |
| 50 | 4 | 36304        | 5/16"-18 HEX NUT                                 |
| 51 | 4 | 11110073     | 5/16"-18 X 2" CAPSCREW PT                        |
| 52 | 4 | 33892        | 5/16" LOCK WASHER                                |
| 53 | 1 | VCMS155      | CAMERA                                           |
| 54 | 4 | 92137A307    | FLANGED BUTTON HEAD SCREW, M4 X<br>0.70mm X 12mm |
| 55 | 4 | 1133612      | M4 LOCK WASHER                                   |
| 56 | 4 | 40219        | FLAT WASHER                                      |
|    |   |              |                                                  |

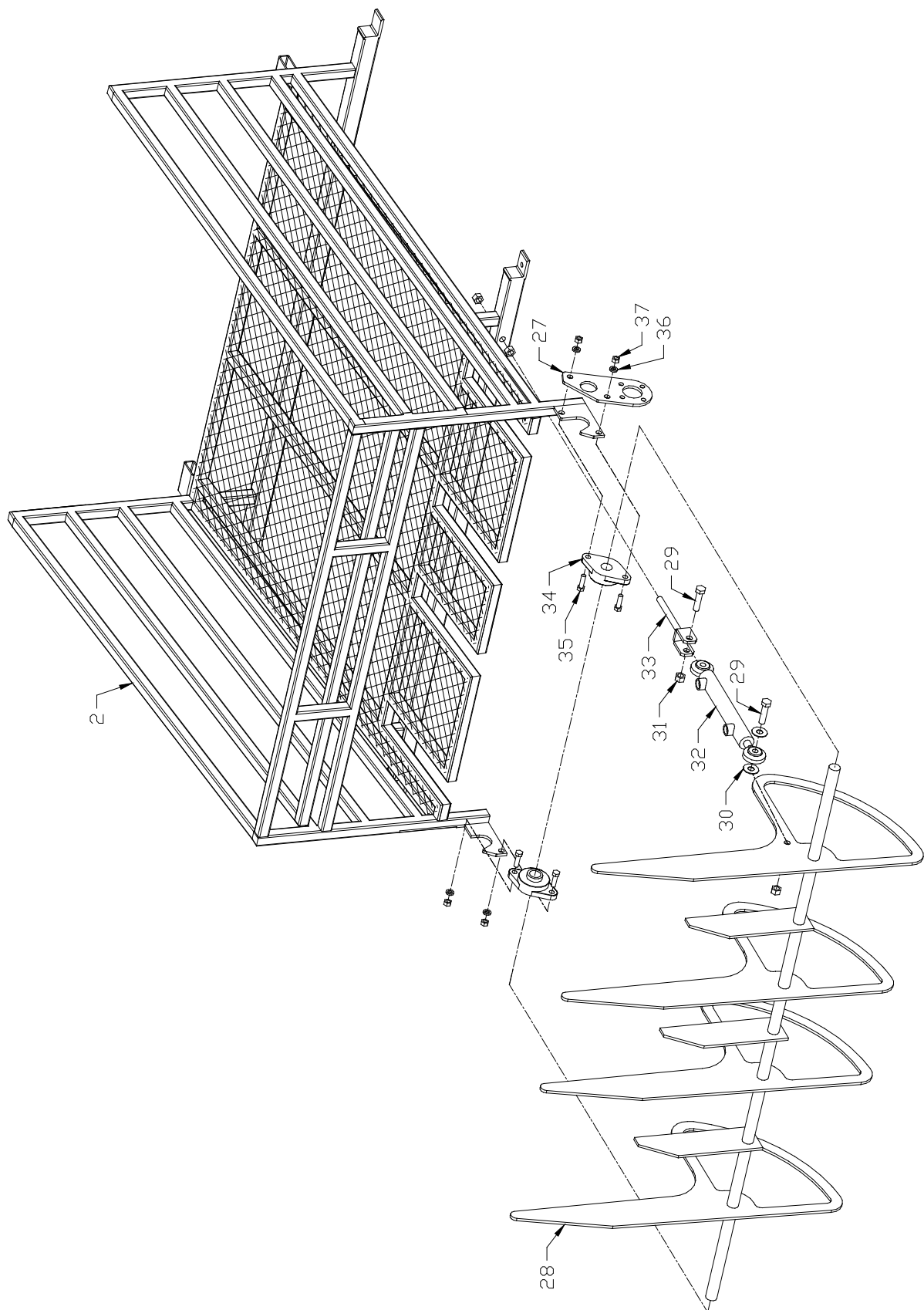
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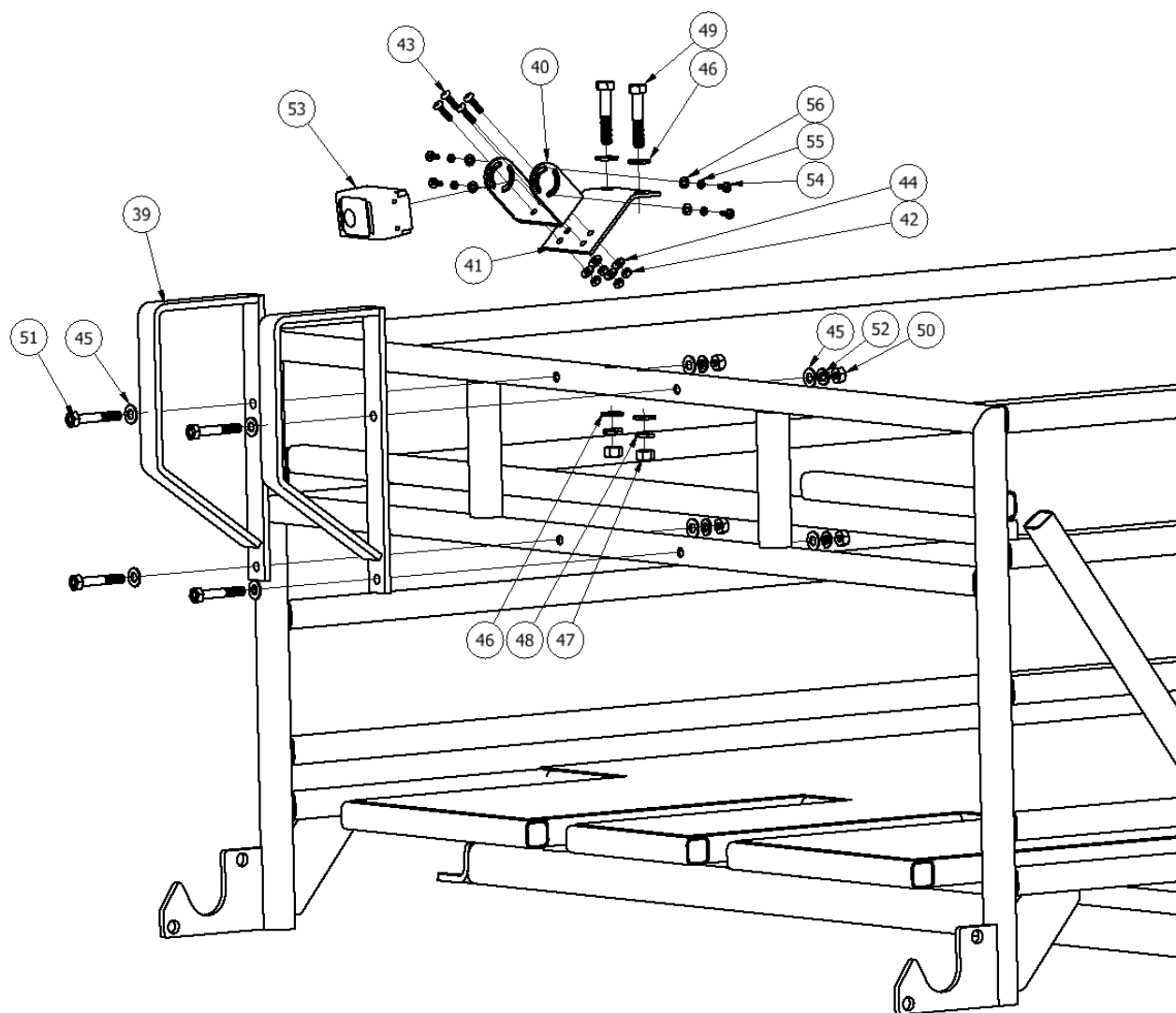
# TUBE RACK



## TUBE RACK



## TUBE RACK



## UBER RACK

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