



# Hopper and Drive Components

Tornado™ Hopper Spreader

#78000-1, 78003-1, 78006-1

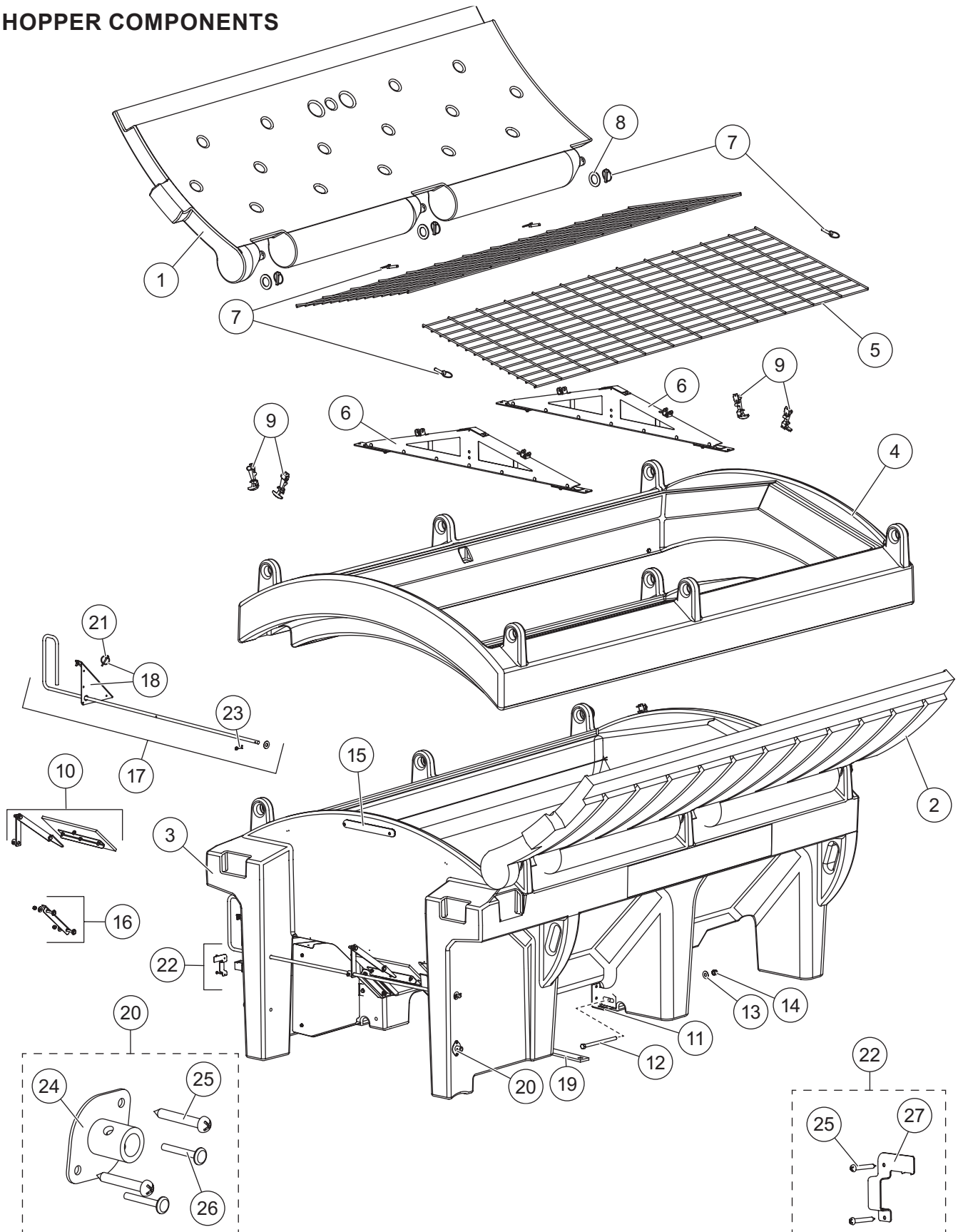
Parts List



This Parts List is for WESTERN® Tornado hopper spreaders  
with serial numbers beginning with 160201–201210.

# Tornado™ HOPPER SPREADER

## HOPPER COMPONENTS

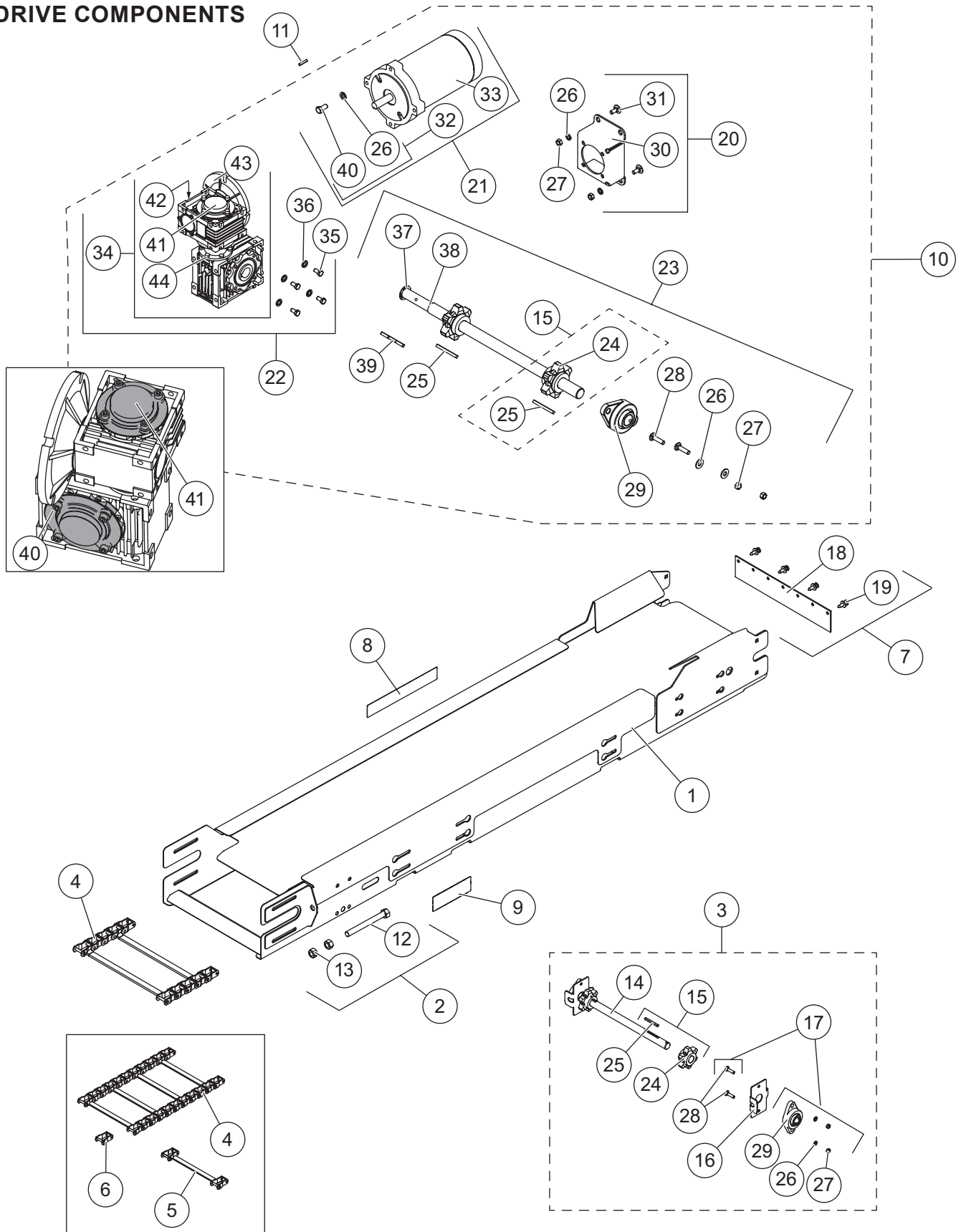


\* Fits units with serial numbers beginning with 180530 and lower.

† Fits units with serial numbers beginning with 180531 and higher.

# Tornado™ HOPPER SPREADER

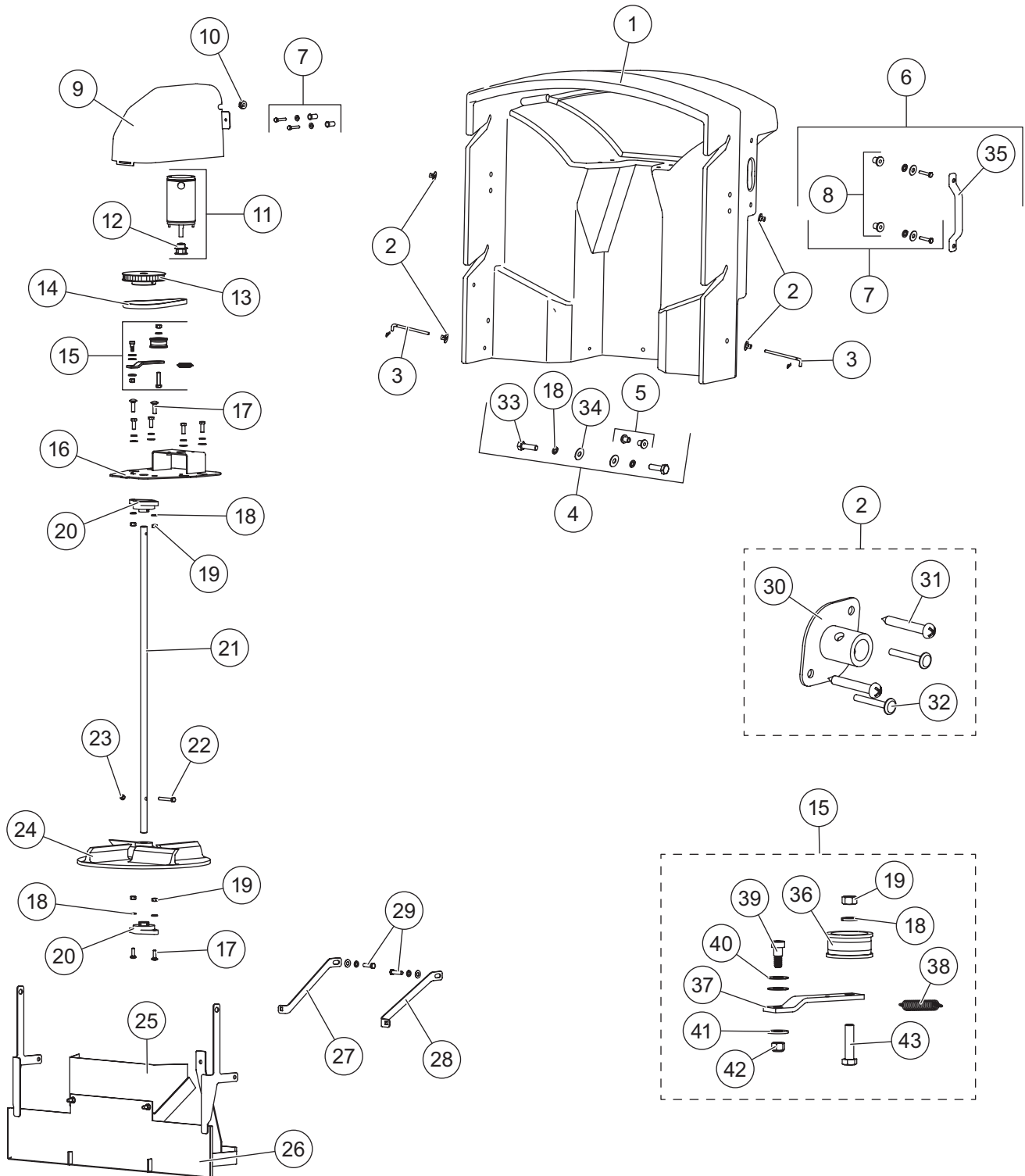
## DRIVE COMPONENTS



Lit. No. 99755, Rev. 18 5 October 1, 2024

# Tornado™ HOPPER SPREADER

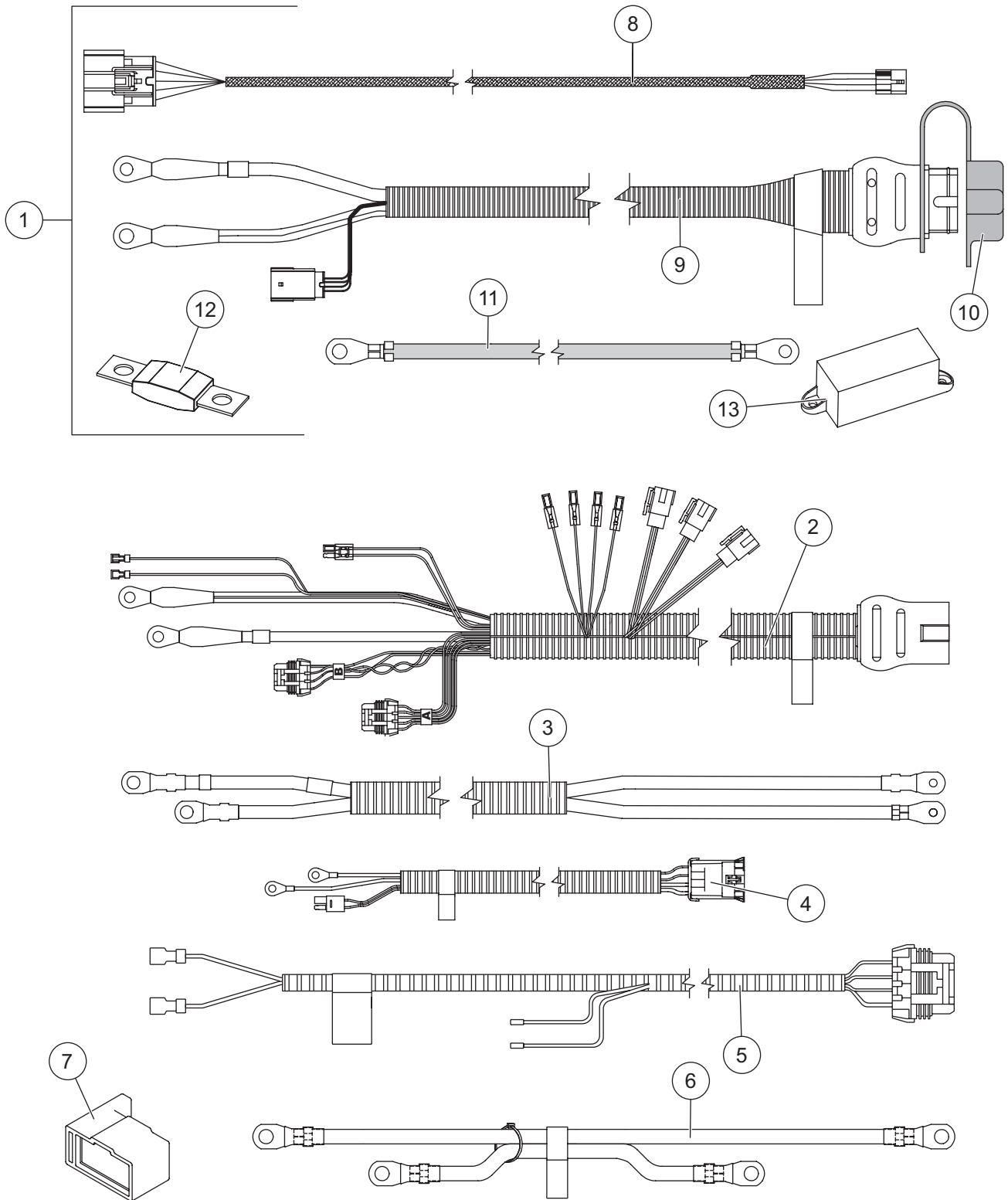
## CHUTE ASSEMBLY



Lit. No. 99755, Rev. 18 7 October 1, 2024

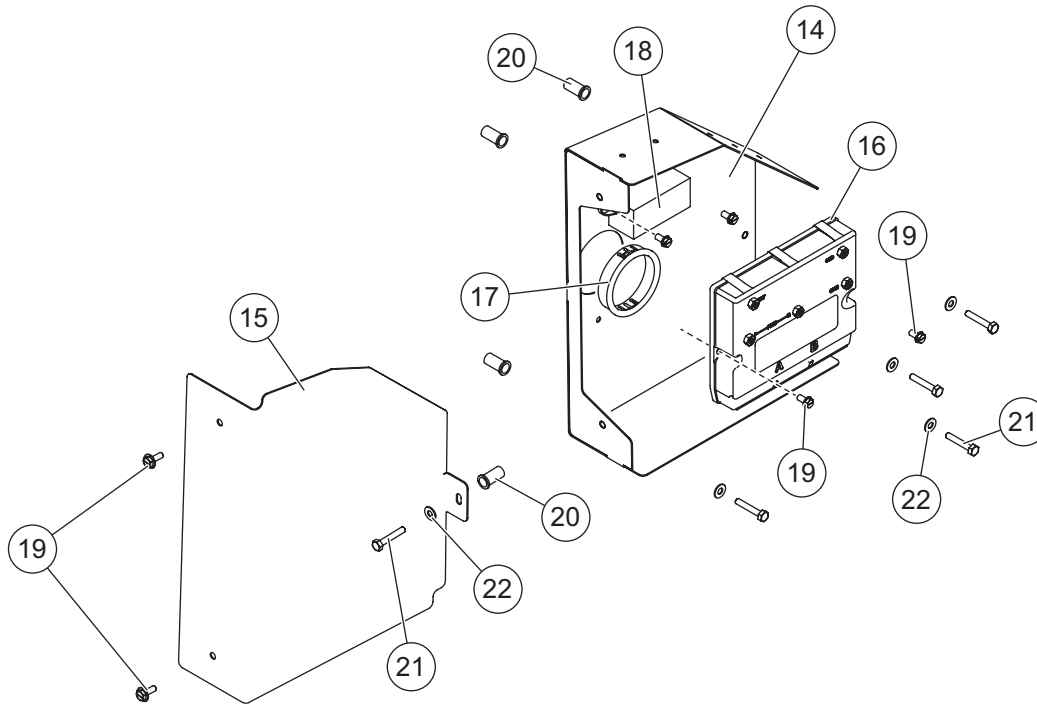
# Tornado™ HOPPER SPREADER

## CABLES & HARNESSING COMPONENTS



# Tornado™ HOPPER SPREADER

## ELECTRICAL ENCLOSURE COMPONENTS

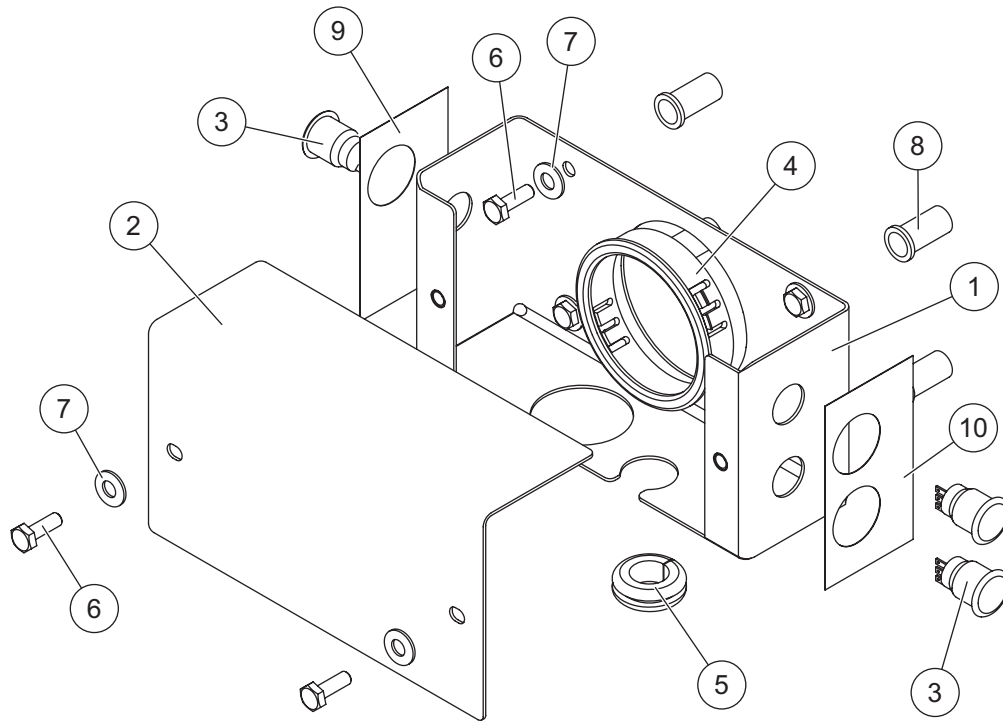


| Cables & Harnessing / Electrical Enclosure Assembly |       |     |                                            |                      |       |     |                                               |
|-----------------------------------------------------|-------|-----|--------------------------------------------|----------------------|-------|-----|-----------------------------------------------|
| Item                                                | Part  | Qty | Description                                | Item                 | Part  | Qty | Description                                   |
| 1                                                   | 78402 | 1   | Vehicle-Side Harness Kit                   | 4                    | 78415 | 1   | Spinner Motor Cable Assy, Hopper              |
| 2                                                   | 78417 | 1   | Hopper Harness Assembly                    | 5                    | 78412 | 1   | Spinner Motor Cable Assembly, Chute           |
| 3                                                   | 78418 | 1   | Harness Assembly, Module to Conveyor Motor | 6                    | 78394 | 1   | Cable Assembly, Mod. to Isolated Stud         |
| <b>Item 1</b>                                       |       |     |                                            | 7                    | 69916 | 1   | 8-Pin Cable Boot                              |
| <b>78402 Vehicle-Side Harness Kit</b>               |       |     |                                            |                      |       |     |                                               |
| 8                                                   | 69902 | 1   | Vehicle Control Harness                    | 12                   | 95836 | 1   | Fuse, 100A                                    |
| 9                                                   | 76057 | 1   | Vehicle Harness*                           | 13                   | 95837 | 1   | Fuse Holder                                   |
| 10                                                  | 99759 | 1   | Plug Cover                                 | ns                   |       | 6   | Cable Tie, HD                                 |
| 11                                                  | 22511 | 1   | 22" Battery Cable – Red                    | ns                   |       | 10  | Cable Tie, 15.35"                             |
| <b>Electrical Enclosure Assembly</b>                |       |     |                                            |                      |       |     |                                               |
| 14                                                  | 95073 | 1   | Electrical Enclosure Body                  | 19                   |       | 6   | 1/4-20 x 1/2 Hex Washer-Head Machine Screw SS |
| 15                                                  | 99745 | 1   | Electrical Enclosure Cover                 | 20                   | 78263 | 5   | Well Nut                                      |
| 16                                                  | 52385 | 1   | 4-Post Spreader Module                     | 21                   |       | 5   | 1/4-20 x 1-1/2 Hex Cap Screw SS               |
| 17                                                  | 78434 | 1   | Snap-In Grommet                            | 22                   |       | 5   | 1/4 Flat Washer SS                            |
| 18                                                  | 95837 | 1   | Isolated Stud Block                        |                      |       |     |                                               |
| ns = not shown                                      |       |     |                                            | SS = Stainless Steel |       |     |                                               |

\* Includes plug cover (item 10).

# Tornado™ HOPPER SPREADER

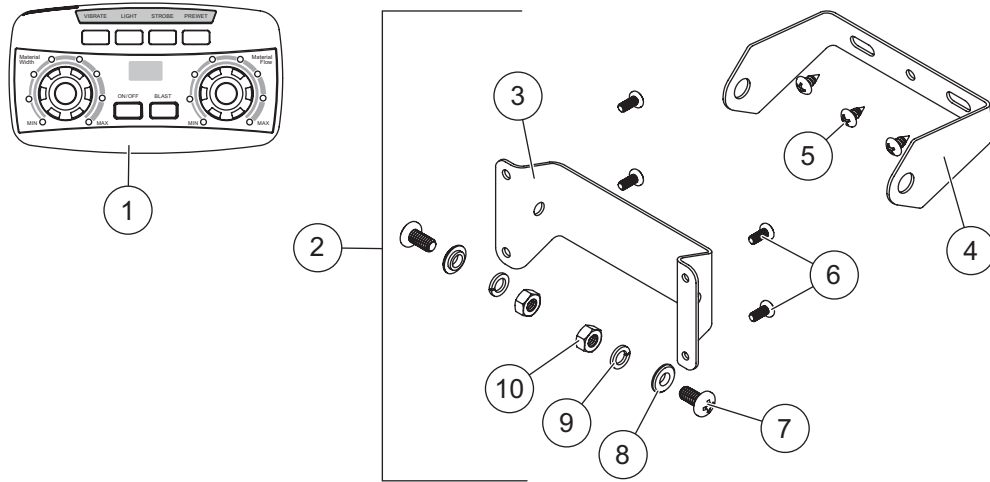
## EXTERNAL ENCLOSURE



| Switch Box Enclosure Assembly |       |     |                               |                      |       |                    |                                               |
|-------------------------------|-------|-----|-------------------------------|----------------------|-------|--------------------|-----------------------------------------------|
| Item                          | Part  | Qty | Description                   | Item                 | Part  | Qty                | Description                                   |
| 1                             | 99746 | 1   | External Enclosure, Body      | 7                    | 6     | 1/4 Flat Washer SS |                                               |
| 2                             | 99747 | 1   | External Enclosure, Cover     | 8                    | 78263 | 4                  | Well Nut                                      |
| 3                             | 99254 | 3   | Push Button Switch            | ns                   | 95077 | 1                  | Dump Switch Label Kit<br>(incl. items 9 & 10) |
| 4                             | 78434 | 1   | Snap-In Grommet               | 9                    |       | 1                  | One-Button Label                              |
| 5                             | 99195 | 2   | Break-Thru Plug               | 10                   |       | 1                  | Two-Button Label                              |
| 6                             |       | 6   | 1/4-20 x 3/4 Hex Cap Screw SS |                      |       |                    |                                               |
| ns = not shown                |       |     |                               | SS = Stainless Steel |       |                    |                                               |

# Tornado™ HOPPER SPREADER

## CAB CONTROL



| 99534 Cab Control Kit |       |     |                                             |                                      |       |     |                                                      |
|-----------------------|-------|-----|---------------------------------------------|--------------------------------------|-------|-----|------------------------------------------------------|
| Item                  | Part  | Qty | Description                                 | Item                                 | Part  | Qty | Description                                          |
| 1                     | 99774 | 1   | Cab Control 2-Knob                          | 2                                    | 52345 | 1   | Cab Control Bracket Kit                              |
| <b>Item 2</b>         |       |     |                                             | <b>52345 Cab Control Bracket Kit</b> |       |     |                                                      |
| 3                     |       | 1   | Control Bracket, Inner                      | 7                                    |       | 2   | 1/4-20 x 1/2 Pan Head Machine Screw SS – Black Oxide |
| 4                     |       | 1   | Control Bracket, Outer                      | 8                                    |       | 2   | 1/4 Shoulder Washer – Black Oxide                    |
| 5                     |       | 3   | #10 x 3/8 Tapping Screw SS                  | 9                                    |       | 2   | 1/4 Lock Washer SS                                   |
| 6                     |       | 4   | #8-32 x 3/8 Phillips Pan Head Machine Screw | 10                                   |       | 2   | 1/4-20 Hex Nut G5 – Black Oxide                      |
| G = Grade             |       |     |                                             | SS = Stainless Steel                 |       |     |                                                      |

## ACCESSORIES & PRE-WET KITS

| Accessories  |                                      |         |                                 |
|--------------|--------------------------------------|---------|---------------------------------|
| Part         | Description                          | Part    | Description                     |
| 78197        | License Plate Light Kit              | 76668-1 | Vibrator Kit                    |
| 99505-2      | Primary Work Light Kit               | 78120   | Inverted V Kit, 8' Model        |
| 99732-1      | Secondary Work Light Kit             | 78150   | Inverted V Kit, 7' Model        |
| 99766        | Strobe Light Kit                     | 68790   | Ratchet Tie-Down Kit            |
| Pre-Wet Kits |                                      |         |                                 |
| 76400        | Standard Pump Kit, ON-OFF System     | 76425   | 50-Gallon Tank Kit (2 x 25 gal) |
| 76420        | Deluxe Pump Kit, Full-Feature System |         |                                 |

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