



S N O W P L O W

# VBX 8000 - 9000

## PARTS EXPLOSION

### 2015-2016



#### SPREADER COMPONENTS

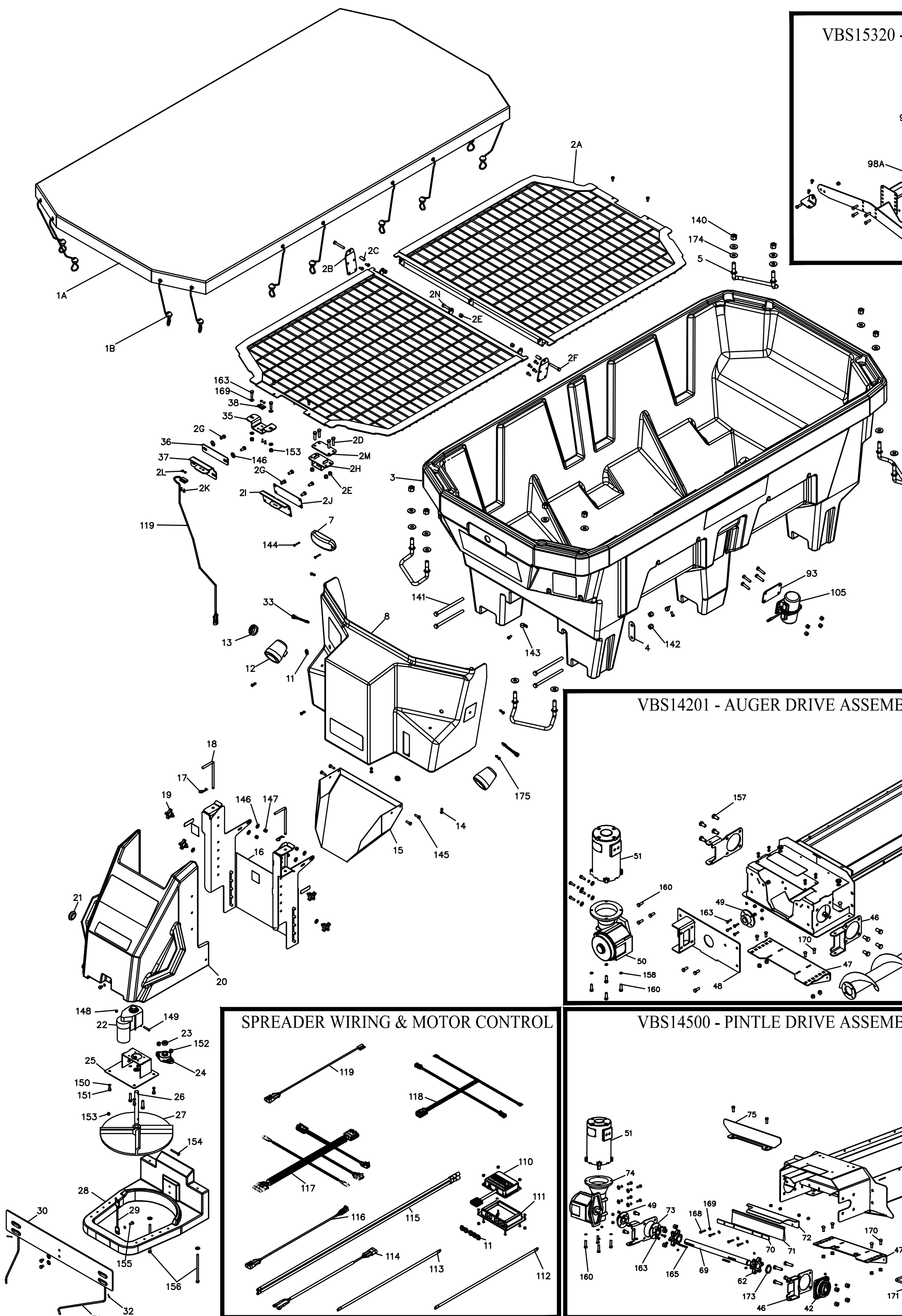
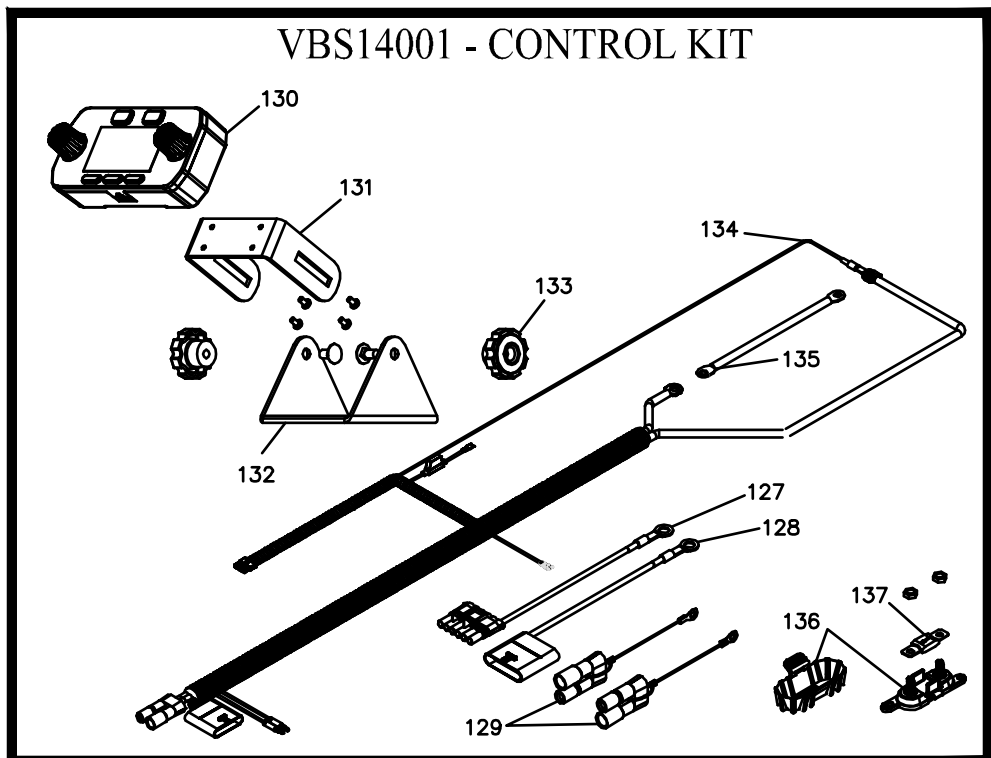
|    |                                                             |          |
|----|-------------------------------------------------------------|----------|
| 1  | Hopper Cover (8' Tarp)                                      | VBS14399 |
|    | Hopper Cover (9' Tarp)                                      | VBS15313 |
| 1A | Includes: (1) Tarp (8' or 9')                               |          |
| 1B | (16) Tie-Down Bungee                                        |          |
| 2  | Top Screen with Hardware (8')                               | VBS18319 |
| 2A | Includes: (2) Top Screen (8')                               | VBS18312 |
| 2B | (2) Attachment Bracket                                      | VBS18313 |
| 2C | (2) Bushing                                                 | HDW18317 |
| 2D | (2) Hex Head Cap Screw, 3/8"-16 X 1-1/2" ST/ST 18-8         | HDW05995 |
| 2E | (3) Nylon Lock Nut, 3/8"-16 ST/ST 18-8 Moly Thread          | HDW05854 |
| 2F | (2) Hex Head Cap Screw, 3/8"-16 X 2-1/2" ST/ST 18-8         | HDW05849 |
| 2G | (16) Lag Screw, 5/16" X 1" ST/ST 18-8                       | HDW18316 |
| 2H | (1) Actuator Assembly                                       | VBS18333 |
| 2I | (1) Latch Assembly                                          | VBS18332 |
| 2J | (1) Poly Cover                                              | VBS18323 |
| 2K | (4) Pan Head Screw, 5-40 X 7/16" 18-8                       | HDW18334 |
| 2L | (4) Nylon Lock Nut, 5-40 ST/ST 18-8 Moly Thread             | HDW18335 |
| 2M | (1) Top Plate, Prox Sensor, V-Box                           | VBS18325 |
|    | Includes: (2) Top Screen (9')                               | VBS15301 |
| 2A | (1) Fastener Kit, Top Screen, V-Box 9'                      | HDW15315 |
| 2E | Includes: (3) Nylon Lock Nut, 3/8-16 ST/ST 18-8 Moly Thread | HDW05854 |
| 2N | (3) Hex Head Cap Screw, 3/8"-16 X 1-1/4" ST/ST 18-8         | HDW14431 |
| 2G | (18) Lag Screw, 5/16" X 1" ST/ST 18-8                       | HDW18316 |
| 3  | Hopper (8')                                                 | VBS14202 |
|    | Hopper (9')                                                 | VBS14090 |
| 4  | Bolt Plate                                                  | VBS14517 |
| 5  | Lift Strap Bar                                              | VBS14038 |
| 8A | Center High Mounted Stop Light (CHMSL)                      | VBS14548 |
| 8B | Front Cover, Auger                                          | VBS14571 |
| 11 | Front Cover, Pintle                                         | VBS14011 |
| 12 | Grommet, 9/16" I.D. X 3/4" O.D. X 1/8" Groove               | MSC14544 |
| 13 | 55 W Halogen Light                                          | MSC12249 |
| 14 | Grommet, 1-1/4" I.D. X 1-1/2" O.D. X 3/16" Groove           | MSC14559 |
| 15 | Chute Rivet                                                 | HDW17303 |
| 16 | Chute                                                       | VBS14450 |
| 17 | Height Adjust Assembly                                      | VBS14020 |
| 18 | Hairpin Cotter                                              | HDW14032 |
| 19 | Latch Pin, Spinner Assembly                                 | VBS14027 |
| 20 | Threaded Knob                                               | HDW14016 |
| 21 | Spinner Housing Top                                         | VBS14006 |
| 22 | Grommet, 1-1/8"                                             | MSC03761 |
| 23 | Spinner Gearmotor                                           | TGS05898 |
| 24 | Shaft Seal                                                  | TGS05809 |
| 25 | Bearing, 3/4" Pillow Block                                  | TGS15532 |
| 26 | Spinner Motor Mount Weldment                                | VBS14010 |
| 27 | 3/4" Diameter Spinner Shaft                                 | VBS14008 |
| 28 | 14-1/2" Spinner Disk, Urethane                              | VBS14017 |
| 29 | Spinner Housing Bottom                                      | VBS14007 |
| 30 | Front Rod                                                   | VBS14037 |
| 31 | Adjustable Deflector                                        | VBS14039 |
| 32 | Deflector Bracket                                           | TGS05782 |
| 33 | Cotter Pin, 3/32" X 5/8" ST/ST 18-8                         | HDW14430 |
| 34 | 12 mm Momentary Switch SST                                  | MSC14582 |
| 35 | Top Screen Sensor Harness                                   | VBS14310 |
| 36 | Prox Mount, Actuator V-Box                                  | VBS15322 |
| 37 | Poly Prox Plate V-Box                                       | VBS15321 |
| 38 | Prox Sensor Mounting Plate V-Box                            | VBS15309 |
|    | Top Screen Sensor Actuator                                  | VBS14311 |

#### VBVS14201 - AUGER DRIVE ASSEMBLY COMPONENTS

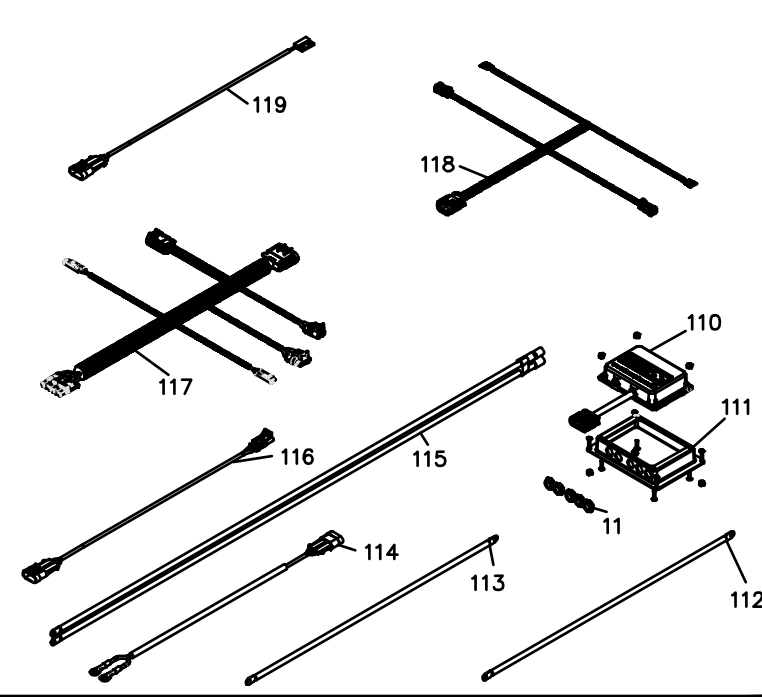
|    |                                |          |
|----|--------------------------------|----------|
| 40 | Auger Weldment, 8"             | VBS14205 |
| 41 | Rear Cover, Auger              | VBS14221 |
| 42 | 4 Bolt Flange Bearing          | VBS14405 |
| 43 | End Shaft                      | VBS14225 |
| 44 | Bearing Mount Weldment         | VBS14215 |
| 45 | Auger, 6" O.D. X 9" Pitch (8') | VBS14260 |
| 46 | Pin Lock Weldment              | VBS14025 |
| 47 | Slide Stop Weldment            | VBS14445 |
| 48 | Auger Motor Mount Weldment     | VBS14217 |
| 49 | Coupling, 1"                   | VBS14539 |
| 50 | Gearbox, 91.6:1                | VBS14412 |
| 51 | 1/2 HP Motor, ST/ST            | VBS14414 |

#### VBVS14500 - PINTLE DRIVE ASSEMBLY COMPONENTS

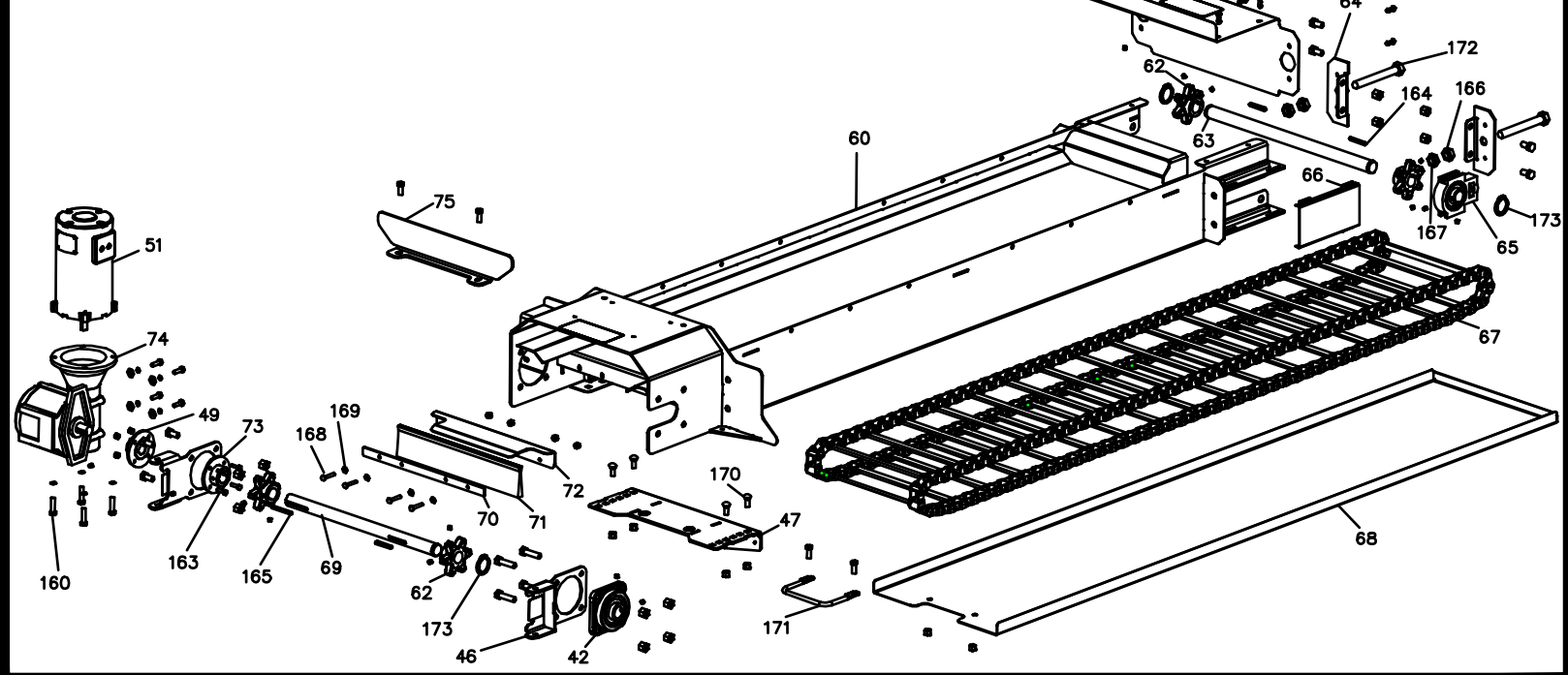
|    |                         |          |
|----|-------------------------|----------|
| 60 | Pintle Weldment, 8"     | VBS14501 |
| 61 | Rear Cover, Pintle      | VBS14514 |
| 62 | Sprocket 662-6T         | VBS14410 |
| 63 | Rear Shaft              | VBS14407 |
| 64 | Adjustment Nut Weldment | VBS14515 |
| 65 | Take-Up Bearing         | VBS14406 |
| 66 | Cover, Take-Up Bearing  | VBS14518 |
| 67 | Pintle Chain            | VBS14409 |
| 68 | Drawer                  | VBS14521 |
| 69 | Front Shaft             | VBS14408 |
| 70 | Sweeper Mounting Bar    | VBS14537 |
| 71 | Sweeper                 | VBS14523 |
| 72 | Feed Plate Extension    | VBS14033 |
| 73 | Coupling, 1-1/4"        | VBS14538 |
| 74 | Gearbox, 137:1          | VBS14411 |
| 75 | Feed Gate               | VBS14446 |



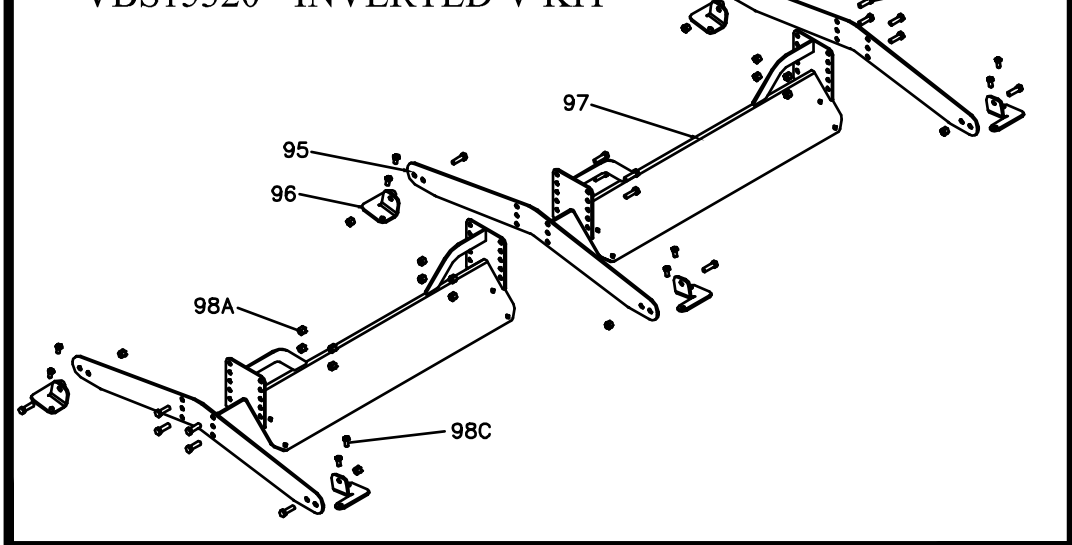
#### SPREADER WIRING & MOTOR CONTROL



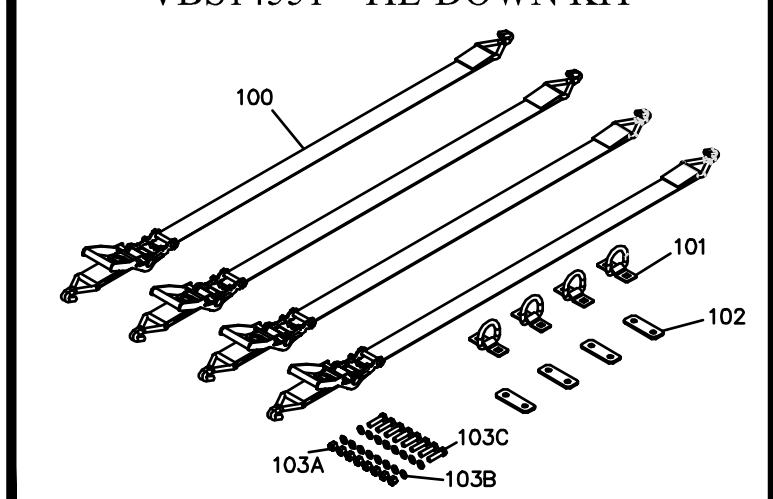
#### VBVS14500 - PINTLE DRIVE ASSEMBLY



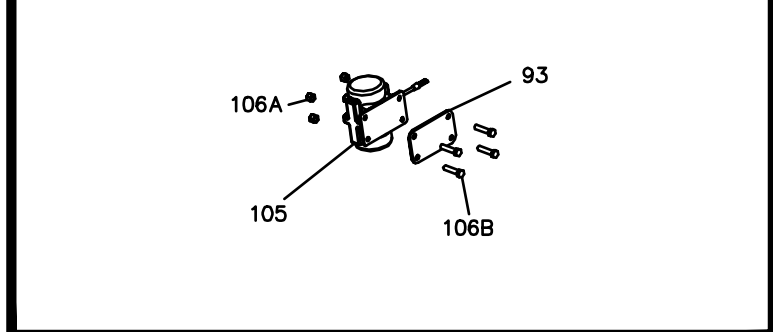
#### VBVS15320 - INVERTED V KIT



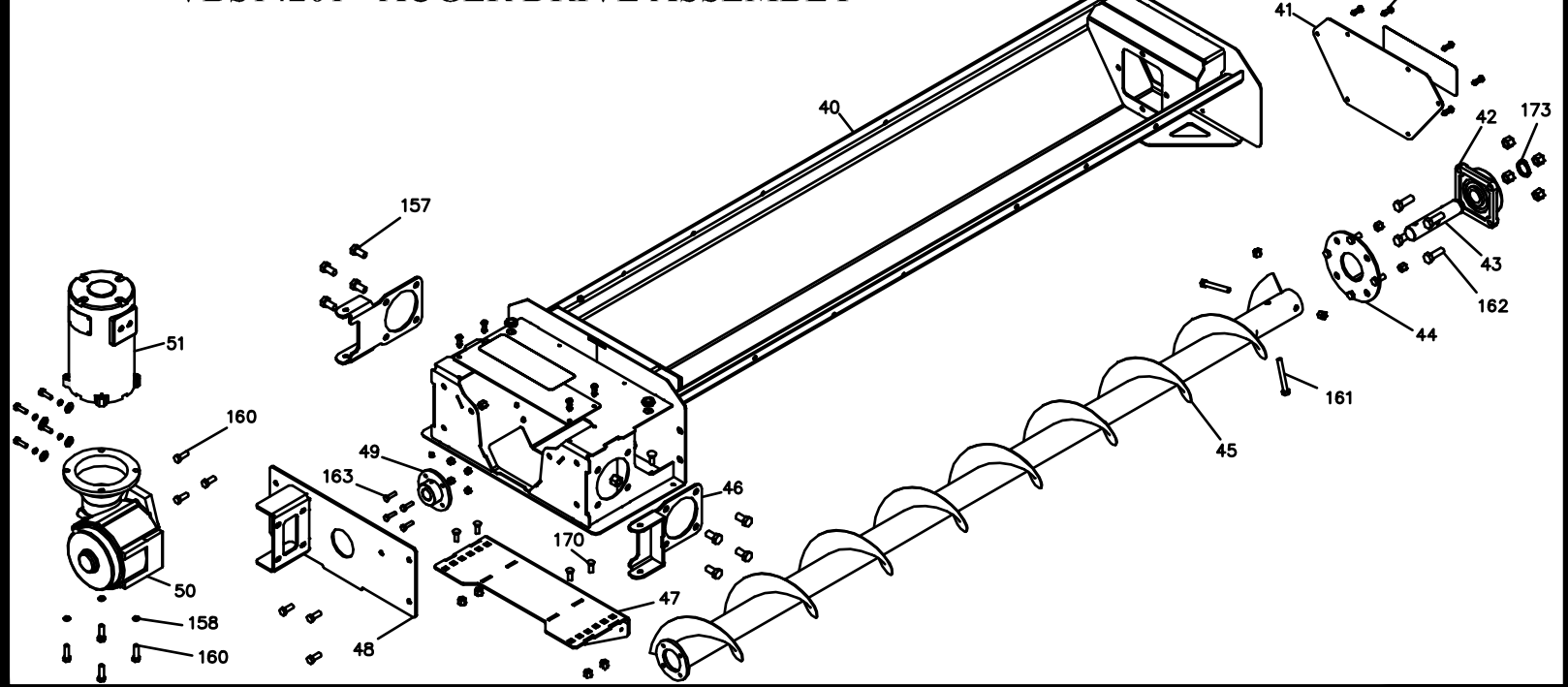
#### VBVS14551 - TIE-DOWN KIT



#### VBVS14465 - SINGLE VIBRATOR KIT VBVS14466 - DUAL VIBRATOR KIT



#### VBVS14201 - AUGER DRIVE ASSEMBLY



#### VBVS15320 - INVERTED V KIT COMPONENTS

|     |                                                        |          |
|-----|--------------------------------------------------------|----------|
| 95  | Main Horizontal Bracket (3)                            | VBS14297 |
| 96  | Mounting Bracket (6)                                   | VBS14398 |
| 97  | Inverted V Weldment (2)                                | VBS14395 |
| 98  | Fastener Kit, Inverted V                               | HDW15316 |
| 98A | Includes: (18) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 |          |
| 98B | (18) Hex Head Cap Screw, 3/8"-16 X 1-1/4" ST/ST 18-8   |          |
| 98C | (12) Lag Screw, 5/16" X 1" ST/ST 18-8                  |          |

#### VBVS14551 - TIE-DOWN KIT COMPONENTS

|      |                                                       |          |
|------|-------------------------------------------------------|----------|
| 100  | Ratchet Strap, 2" X 10' (4)                           | VBS14547 |
| 101  | D-Ring (4)                                            | VBS14549 |
| 102  | Bedmount Plate                                        | VBS14550 |
| 103  | Fastener Kit, Tie-Down Kit                            | VBS14552 |
| 103A | Includes: (8) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 |          |
| 103B | (16) Washer, Flat, 3/8" ST/ST 18-8                    |          |
| 103C | (8) Hex Head Cap Screw, 3/8"-16 X 1-1/2" ST/ST 18-8   |          |

#### VBVS14465 - SINGLE VIBRATOR KIT COMPONENTS

|      |                                                       |          |
|------|-------------------------------------------------------|----------|
| 105  | Vibrator                                              | MSC14275 |
| 93   | Backer Plate                                          | VBS14301 |
| 106A | Includes: (4) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 |          |
| 106B | (4) Hex Head Cap Screw, 3/8"-16 X 1-3/4" ST/ST 18-8   |          |

#### VBVS14466 - DUAL VIBRATOR KIT COMPONENTS

|      |                                                       |          |
|------|-------------------------------------------------------|----------|
| 105  | Vibrator (2)                                          | MSC14275 |
| 93   | Backer Plate (2)                                      | VBS14301 |
| 106A | Includes: (8) Nut, Nylon Locking, 3/8"-16, ST/ST 18-8 |          |
| 106B | (8) Hex Head Cap Screw, 3/8"-16 X 1-3/4" ST/ST 18-8   |          |

#### SPREADER WIRING & MOTOR CONTROL

|     |                         |          |
|-----|-------------------------|----------|
| 110 | Motor Control           | MSC17830 |
| 111 | Stand-Off               | VBS18328 |
| 112 | 24" Power Cable (6 Ga)  | VBS14287 |
| 113 | 24" Ground Cable (6 Ga) | VBS14286 |
| 114 | Spinner Harness         | MSC14284 |
| 115 | Power / Ground Cable    | VBS14285 |
| 116 | Spinner Jumper          | MSC14024 |
| 117 | Main Harness            | VBS14282 |
| 118 | Cover/Light Harness     | VBS14309 |
| 119 | Latch Sensor Harness    | VBS14310 |

#### VBVS14001 - CONTROL KIT COMPONENTS

|     |                                    |          |
|-----|------------------------------------|----------|
| 127 | Dust Cap, Truck side Harness V-Box | VBS14266 |
| 128 | Dust Cap, Spreader side Harness    | VBS14267 |
| 129 | Dust Cap (PWR, GRD)                | MSC03721 |
| 130 | Display Control                    | MSC17827 |
| 131 | Upper Control Mount Bracket        | VBS14461 |
| 132 | Lower Control Mount Bracket        | VBS14460 |
| 133 | Thumb Screw                        | HDW14463 |
| 134 | Vehicle Side Harness               | VBS14283 |
| 135 | 24" Battery Cable                  | HYD12814 |
| 136 | Fuse Holder                        | MSC13176 |
| 137 | Fuse (150 Amp)                     | MSC13177 |

#### HARDWARE

|     |                                                              |          |
|-----|--------------------------------------------------------------|----------|
| 140 | Nut, Nylon Locking, 5/8"-11 ST/ST 18-8                       | HDW14035 |
| 141 | Hex Head Cap Screw, 1/2"-13 X 7-1/2" ST/ST 18-8              | HDW14423 |
| 142 | Nut, Nylon Locking, 1/2"-13 ST/ST 18-8                       | HDW14426 |
| 143 | Wire Clamp                                                   | HDW05631 |
| 144 | Pan Head Screw, #10 X 1-1/2", Phillips, ST/ST 18-8           | HDW14437 |
| 145 | Hex Head Cap Screw, 5/16"-18 X 1" ST/ST 18-8                 | HDW14534 |
| 146 | Washer, Flat, 5/16" ST/ST 18-8                               | HDW14535 |
| 147 | Nut, Nylon Locking, 5/16"-18 ST/ST 18-8                      | HDW14557 |
| 148 | Nut, Nylon Locking, #10-32 ST/ST 18-8                        | HDW05856 |
| 149 | Allen Head Cap Screw, 1/4"-20 X 2" ST/ST 18-8                | HDW10778 |
| 150 | Lock Washer, 5/16" ST/ST 18-8                                | HDW14536 |
| 151 | Hex Head Cap Screw, 5/16"-18 X 1/2" ST/ST 18-8               | HDW14546 |
| 152 | Nut, Nylon Locking, 3/8"-16, Moly Thread, ST/ST 18-8         | HDW05854 |
| 153 | Nut, Nylon Locking, 1/4"-20 ST/ST 18-8                       | HDW05851 |
| 154 | Hex Head Cap Screw, 1/4"-20 X 2" ST/ST 18-8                  | HDW05857 |
| 155 | Lag Screw, 5/16" X 1" ST/ST 18-8                             | HDW18316 |
| 156 | Hex Head Cap Screw, 5/16"-18 X 6-1/2" ST/ST 18-8             | HDW14545 |
| 157 | Hex Head Cap Screw, 1/2"-13 X 1" ST/ST 18-8                  | HDW14421 |
| 158 | Lock Washer, 3/8" ST/ST 18-8                                 | HDW14439 |
| 159 | Hex Head Cap Screw, 3/8"-16 X 1-1/4" ST/ST 18-8              | HDW14431 |
| 160 | Hex Head Cap Screw, 3/8"-16 X 3" ST/ST 18-8                  | HDW05853 |
| 161 | Hex Head Cap Screw, 1/2"-13 X 1-1/2" ST/ST 18-8              | HDW14558 |
| 162 | Hex Head Cap Screw, 1/4"-20 X 1" ST/ST 18-8                  | HDW14422 |
| 163 | Hex Head Cap Screw, 1/4"-20 X 1" ST/ST 18-8                  | HDW14533 |
| 164 | Key, 2" X 0.23" X 0.23"                                      | MSC14419 |
| 165 | Key, 2.5" X 0.23" X 0.23"                                    | MSC14448 |
| 166 | Nut, Jam, 3/4"-10 ST/ST 18-8                                 | HDW14424 |
| 167 | Nut, Jam, Top Lock, 3/4"-10 ST/ST 18-8                       | HDW14425 |
| 168 | Hex Head Cap Screw, 1/4"-20 X 1-3/4", Full Thread ST/ST 18-8 | HDW14566 |
| 169 | Washer, Flat, 1/4" ST/ST 18-8                                | HDW06299 |
| 170 | Carrage Bolt, 3/8"-16 X 1" ST/ST 18-8                        | HDW18163 |
| 171 | Handle, Drawer                                               | VBS14522 |
| 172 | Hex Head Cap Screw, 3/4"-10 X 6", Full Thread ST/ST 18-8     | HDW14420 |
| 173 | Snap Ring 1-1/4"                                             | HDW14226 |
| 174 | WASHER 5/8" FLAT, ST/ST 18-8                                 | HDW14028 |
| 175 | PUSH CLIP, 8mm X 26mm STEM, 20mm FLANGE                      | HDW09299 |

SLS1576-2

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