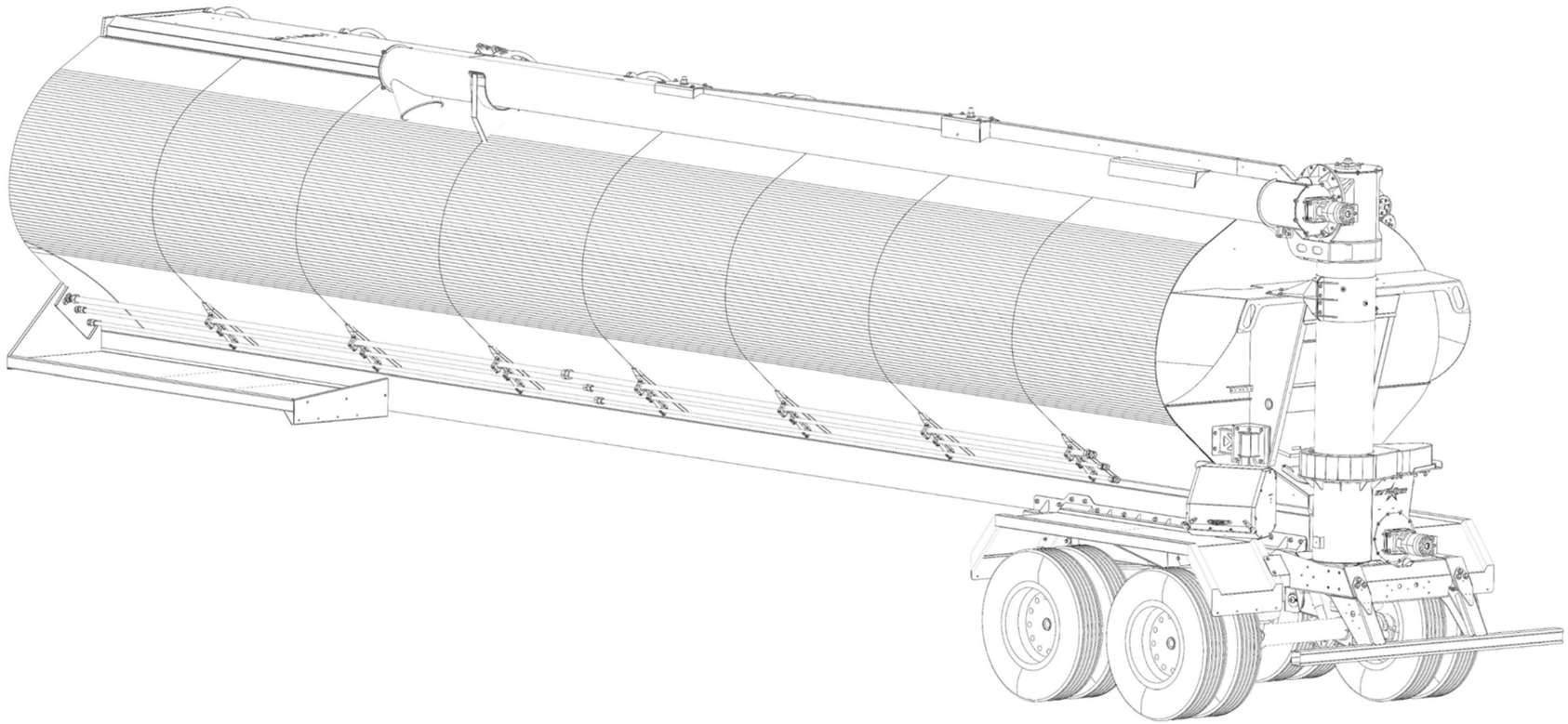
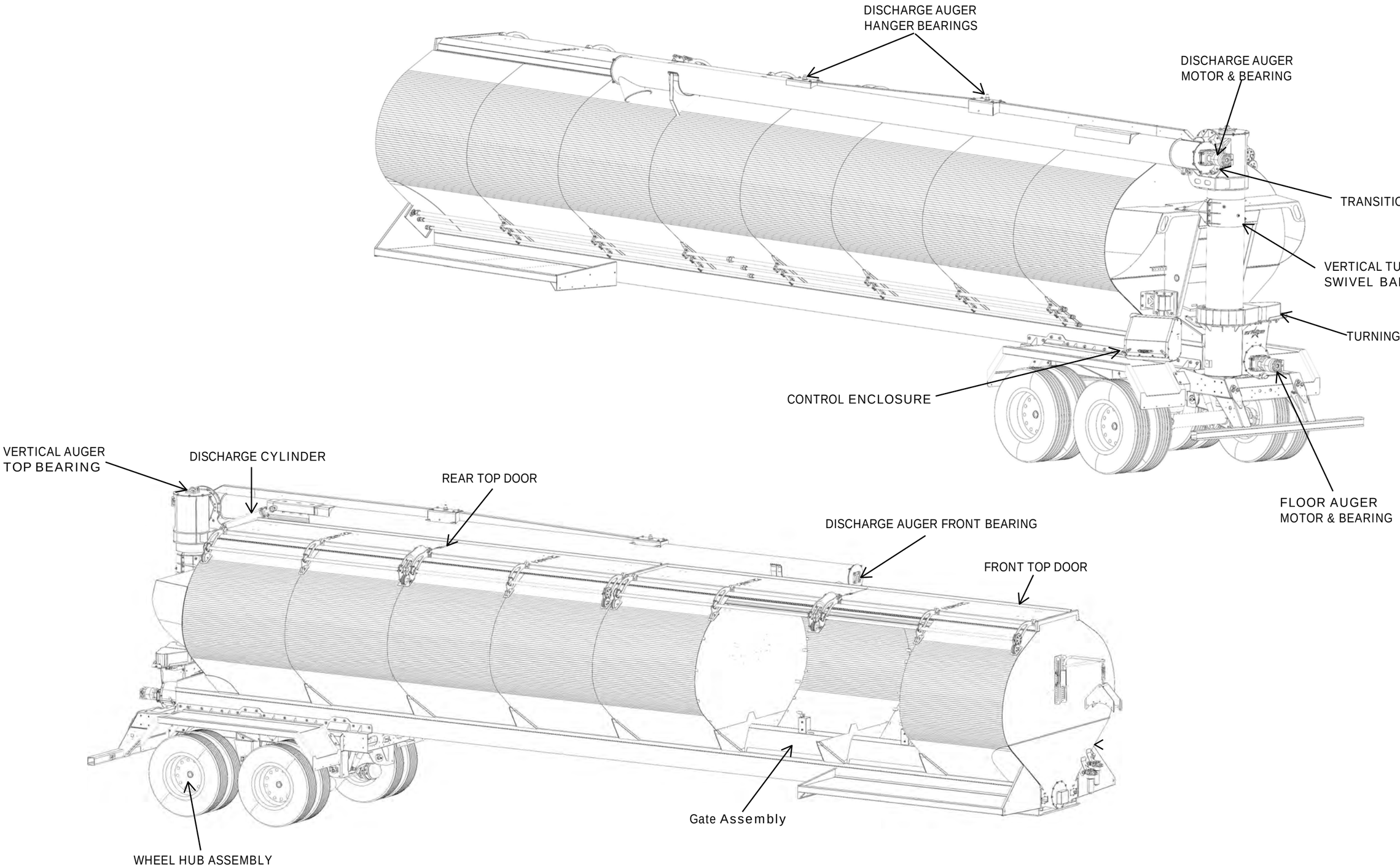
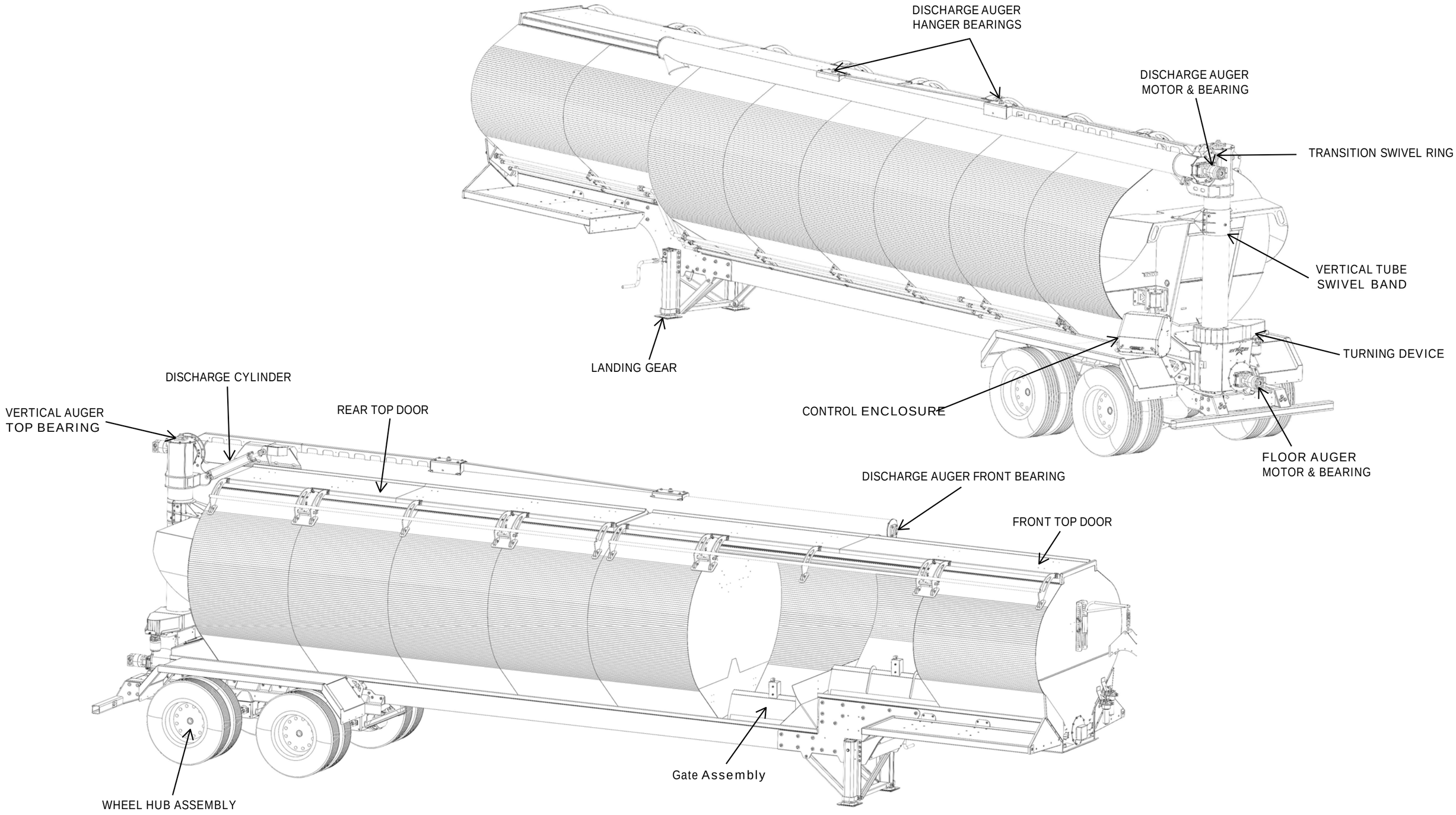
# Parts Manual



# Trailer Overview AT35LW



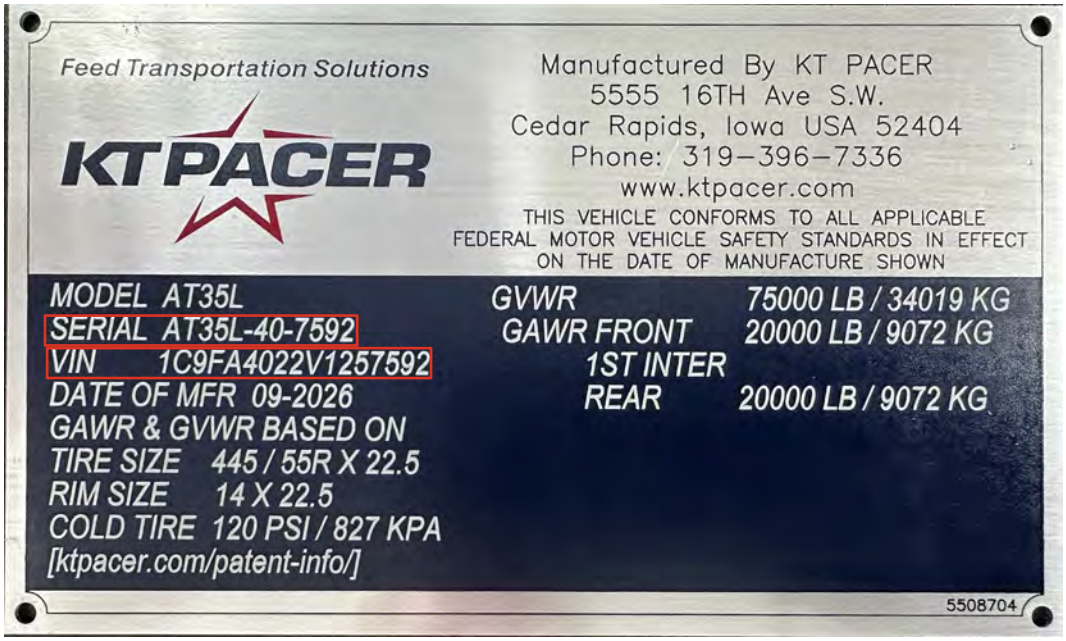
# Trailer Overview AT35NSL

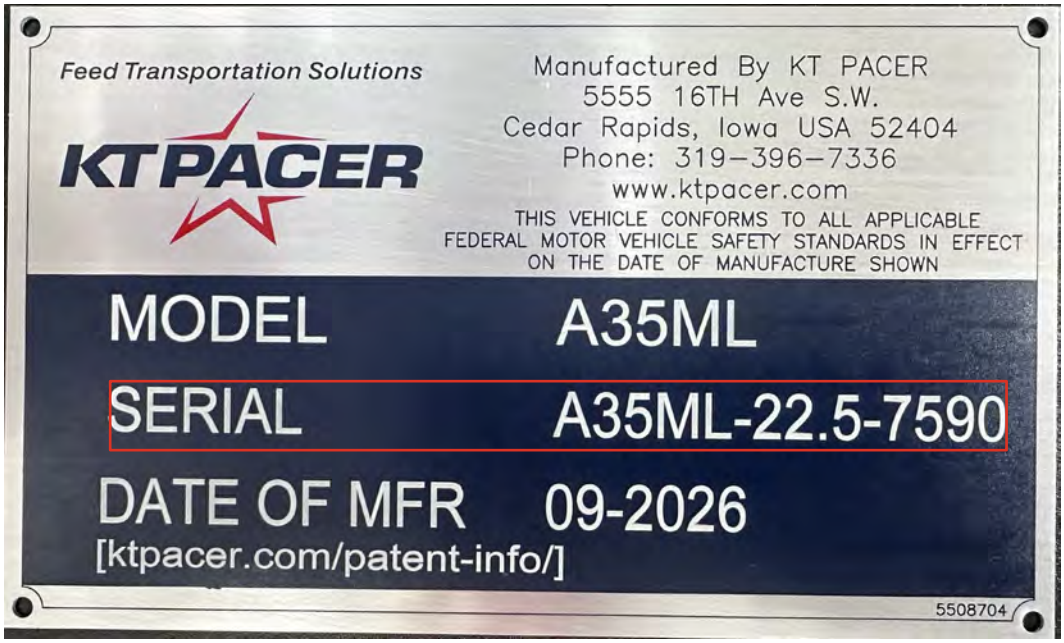


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# Unit Identification

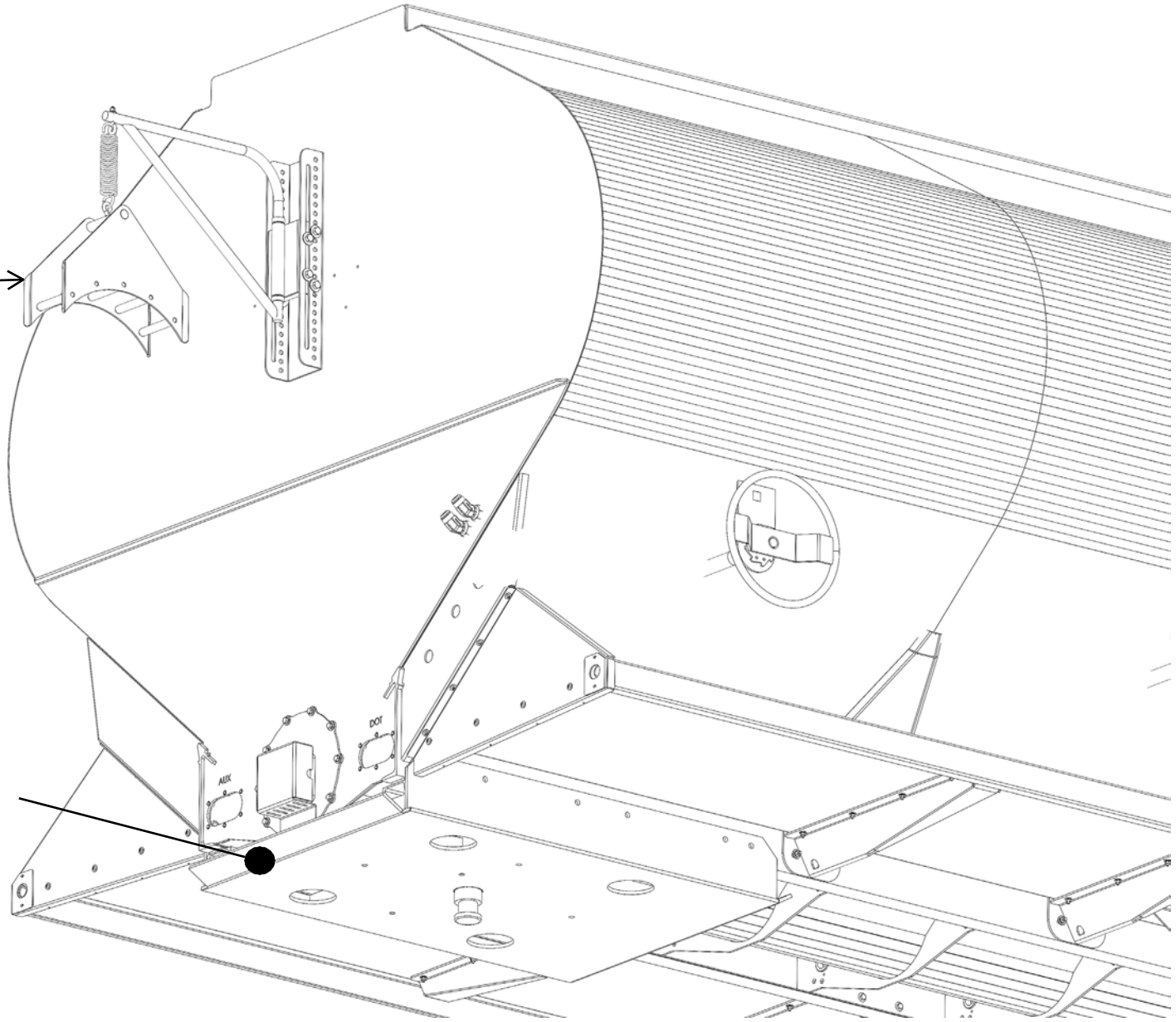


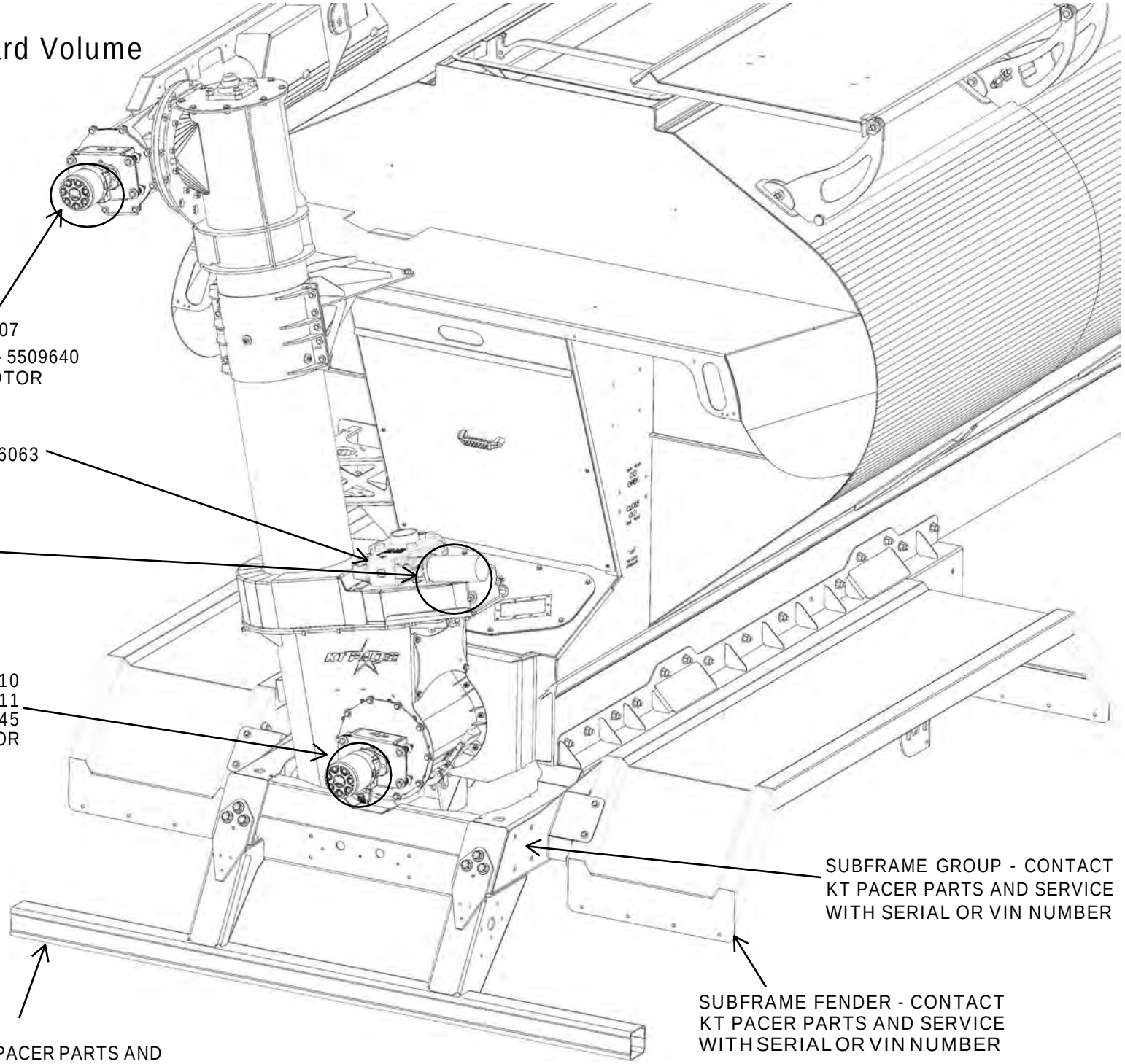

When contacting KT Pacer parts and service team about unit specific parts you will need to provide the unit number, this can be identified using the serial number or the VIN. Provide the following to identify your unit:

1. Last four digits of the serial number
2. Last eight digits of the VIN

# Trailer Front



# Trailer Rear - Standard Volume



HYD MOTOR TG0195 - 5500807
HYD MOTOR TK0250 VITON - 5509640
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

50:1 GEARBOX - 5506063

HYD MOTOR TG0195 - 5500807
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

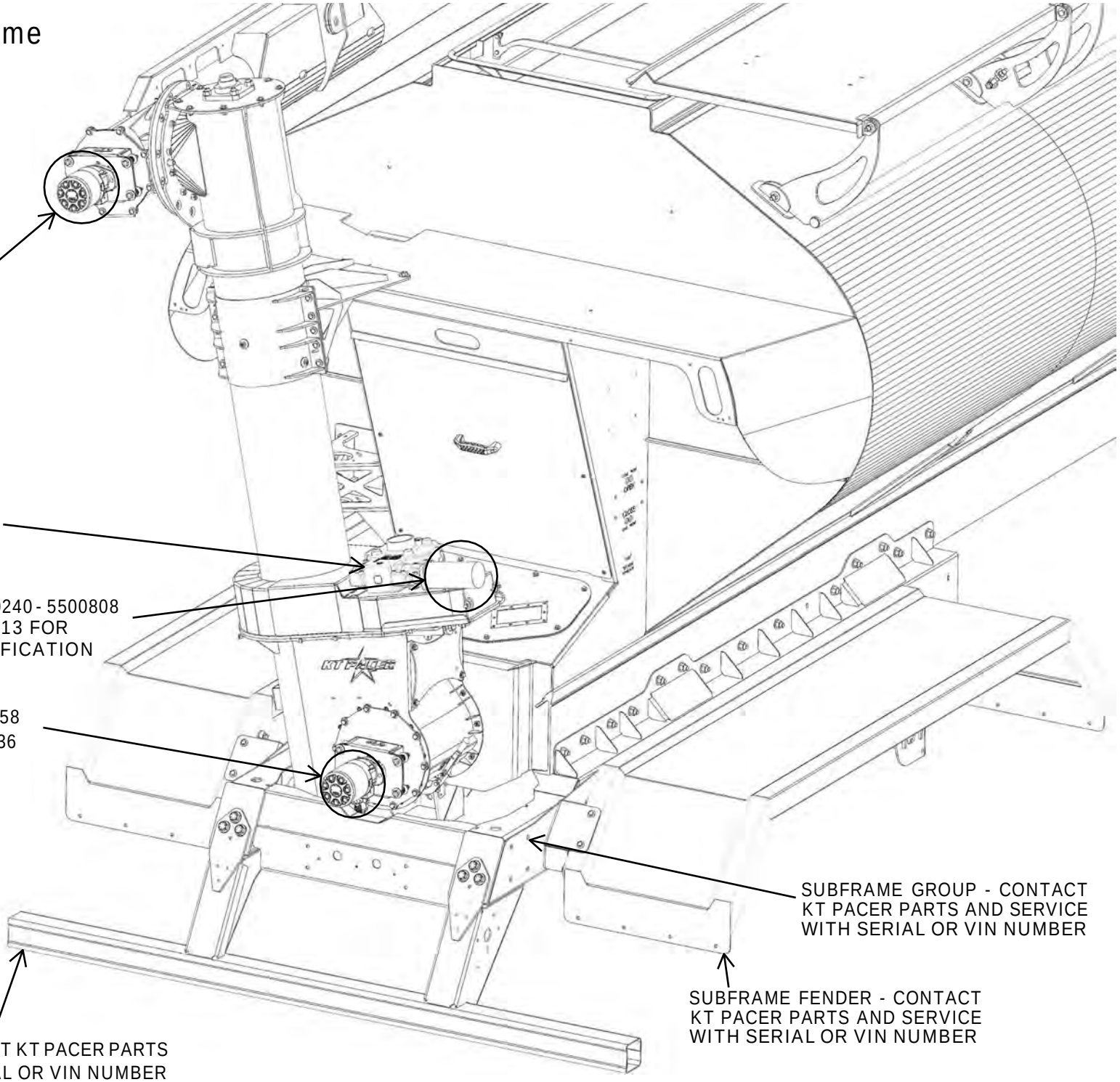
HYD MOTOR TG0405 - 5500810
HYD MOTOR TG0475 - 5500811
HYD MOTOR TG0360 - 5501845
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

SUBFRAME GROUP - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

SUBFRAME FENDER - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

BUMBER GROUP - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

# Trailer Rear - High Volume



HYD MOTOR TK0250 - 5508268
HYD MOTOR XL6-195 - 5509251
HYD MOTOR LX6-250 - 5509235
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

50:1 GEARBOX - 5506063

HYD MOTOR TG0240 - 5500808
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

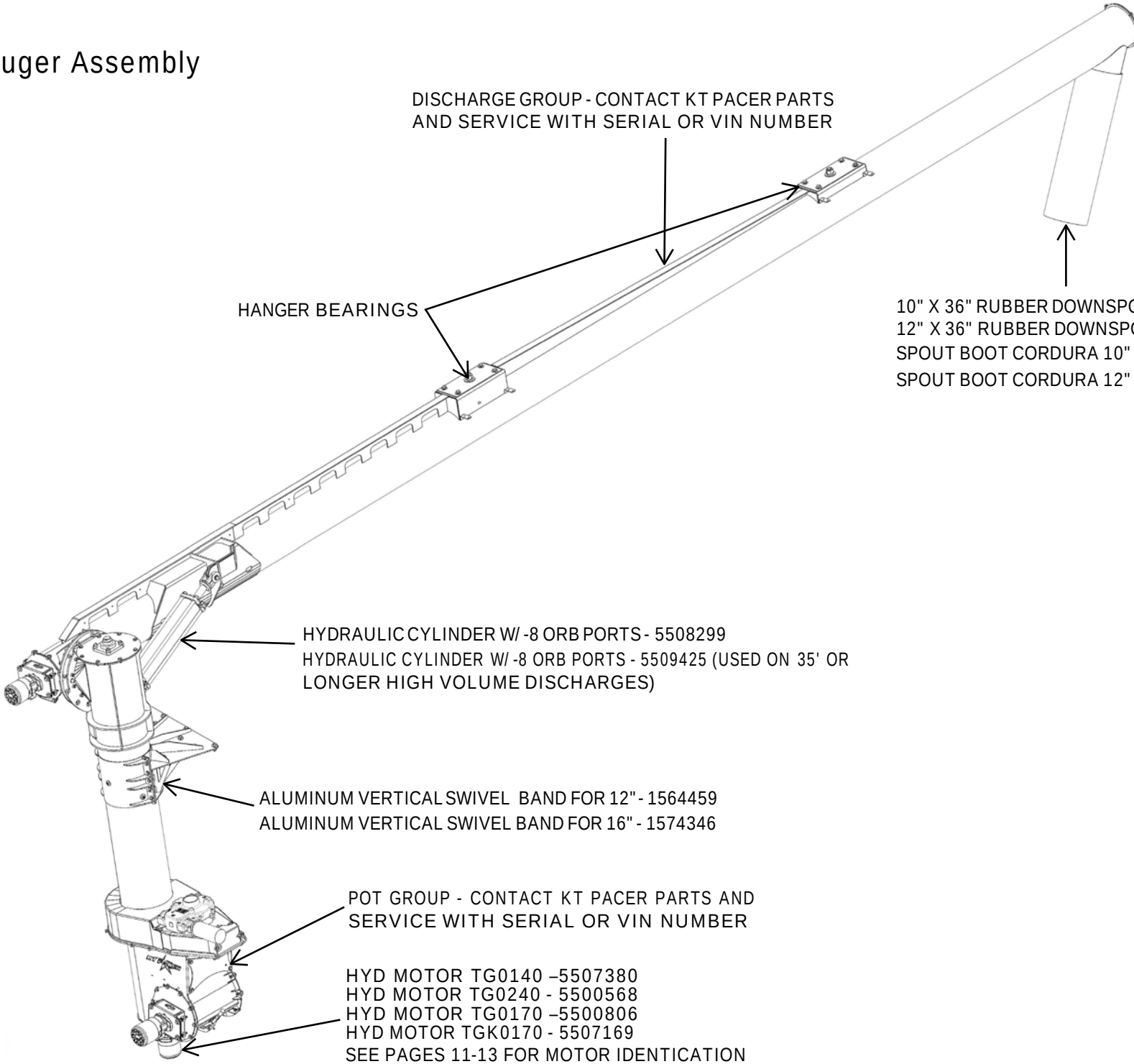
HYD MOTOR TK0400 - 5508758
HYD MOTOR XL6-400 - 5509236
SEE PAGES 11-13 FOR MOTOR IDENTIFICATION

SUBFRAME GROUP - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

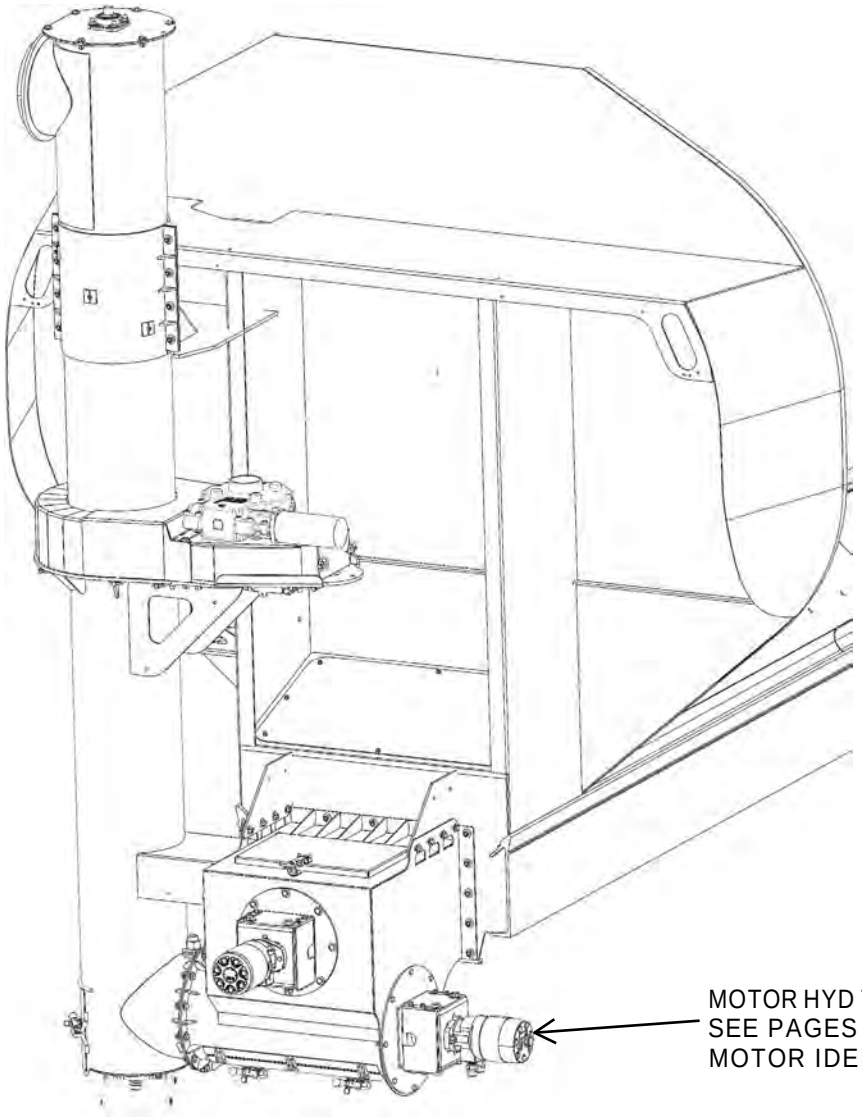
SUBFRAME FENDER - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

BUMBER GROUP - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER

# Full Auger Assembly



# Cross Auger


MOTOR HYD TG0280 - 5500809
SEE PAGES 11-13 FOR
MOTOR IDENTIFICATION

# Motor Identification

The quickest way to identify which type of hydraulic motor is being used on the machine is to look at the inlet and outlet ports. On the following pages the location of the inlet and outlet ports for a TG Series motor, TK Series motor, and an XL-6 motor are shown.

1. Match the motor used on the machine with one shown below based on the location of the inlet and outlet ports
2. Using the dimensional drawing associated with the type of motor used, measure the length of the motor
3. Using the chart, determine the displacement needed by matching the length obtained

# XL6 Series

Dimensions - Standard/Wheel Mount

### Ports

1 5/16 -12 UN-2B SAE O-ring Staggered Ports (2)
7/16 -20 UNF-2B SAE O-ring Case Drain Port (1) or
G 1 (BSP) Staggered Ports (2)
G 1/4 (BSP) Case Drain Port (1)

### Standard Rotation Viewed from Shaft End

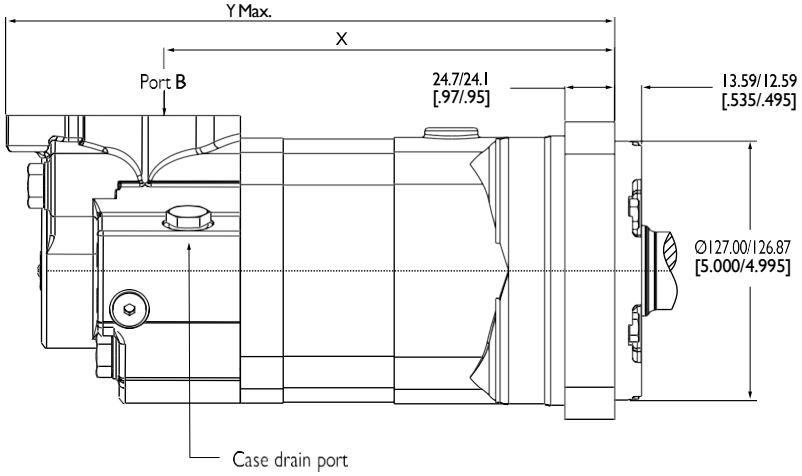
Port A Pressurized — CW

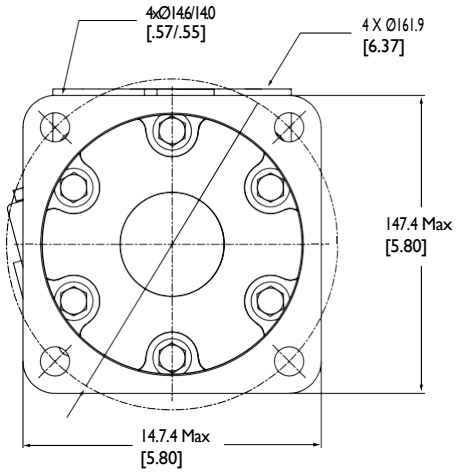
Port B Pressurized — CCW

**Standard mount (AB) motor dimensions**

| Displacement | | X | | Y | |
|---|---|---|---|---|---|
| cm³/r[in³/r] | | mm | [inch] | mm | [inch] |
| 195 | [11.9] | 187.5 | [7.38] | 270.0 | [10.63] |
| 245 | [15.0] | 193.0 | [7.60] | 275.6 | [10.85] |
| 310 | [19.0] | 200.1 | [7.89] | 283.0 | [11.14] |
| 390 | [23.9] | 209.0 | [8.23] | 291.6 | [11.48] |
| 490 | [30.0] | 220.2 | [8.67] | 302.8 | [11.93] |
| 625 | [38.0] | 235.0 | [9.25] | 317.5 | [12.50] |
| 805 | [49.0] | 254.8 | [10.03] | 337.3 | [13.28] |
| 985 | [60.0] | 274.6 | [10.81] | 357.1 | [14.06] |

### Standard Mount (AB)

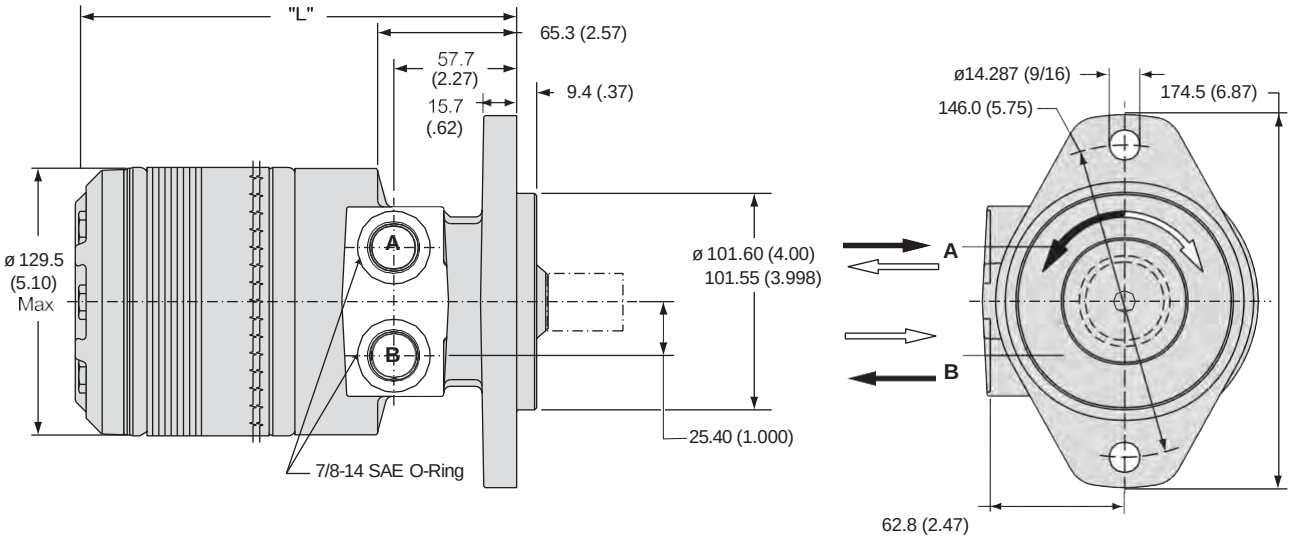





# TG Series

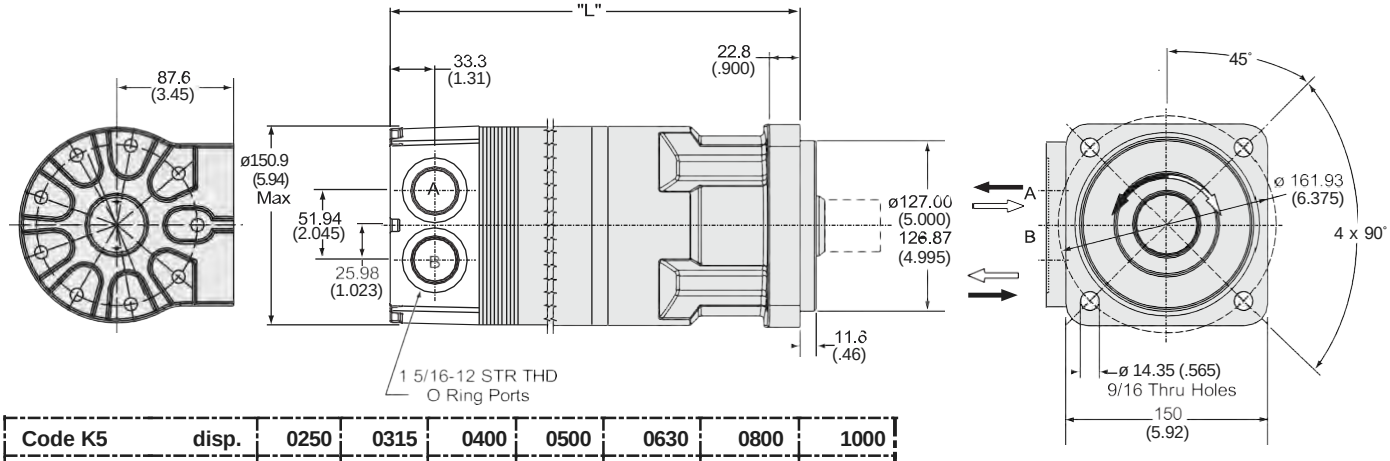
## SAE B 2-Bolt, 7/8-14 SAE O-Ring




| Code BS | disp. | 0140 | 0170 | 0195 | 0240 | 0280 | 0310 | 0335 | 0405 | 0475 | 0530 | 0625 | 0785 | 0960 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Weight** | **kg** | **14.9** | **15.2** | **15.3** | **15.7** | **16.1** | **16.4** | **16.6** | **17.1** | **17.8** | **18.6** | **19.3** | **20.8** | **22.5** |
| | (lb) | (32.8) | (33.4) | (33.9) | (34.7) | (35.6) | (36.1) | (36.5) | (37.8) | (39.3) | (40.9) | (42.5) | (45.9) | (49.7) |
| **Length** | "L" mm | **195.6** | **198.6** | **201.4** | **206.5** | **211.3** | **214.8** | **217.7** | **225.0** | **233.7** | **240.0** | **249.4** | **268.4** | **287.5** |
| | "L" (in) | (7.70) | (7.82) | (7.95) | (8.13) | (8.32) | (8.46) | (8.57) | (8.86) | (9.20) | (9.45) | (9.82) | (10.57) | (11.32) |

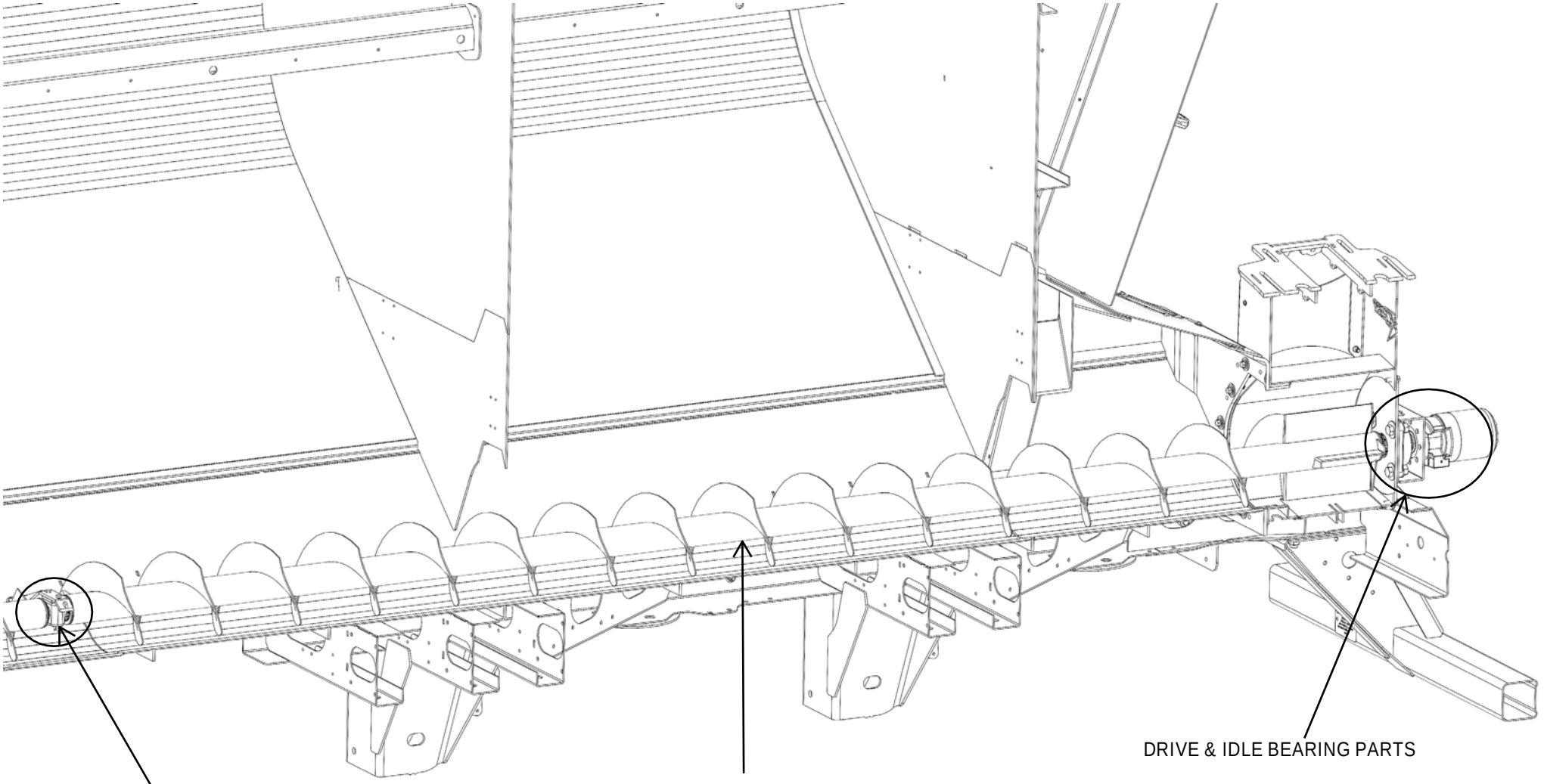
# TK Series

## Standard SAE CC, 1 5/16-12 SAE Rear Radial




| Code K5 | disp. | 0250 | 0315 | 0400 | 0500 | 0630 | 0800 | 1000 |
|---|---|---|---|---|---|---|---|---|
| **Weight** | **k** | **32.0** | **32.7** | **33.5** | **34.5** | **35.7** | **37.2** | **39.1** |
| | (lb) | (70.6) | (72.0) | (73.8) | (76.0) | (78.8) | (82.1) | (86.3) |
| **Length** | **"L" mm** | **276.9** | **281.9** | **289.6** | **297.2** | **309.9** | **322.6** | **340.4** |
| | "L" (in | (10.9) | (11.1) | (11.4) | (11.7) | (12.2) | (12.7) | (13.4) |

# Floor Auger

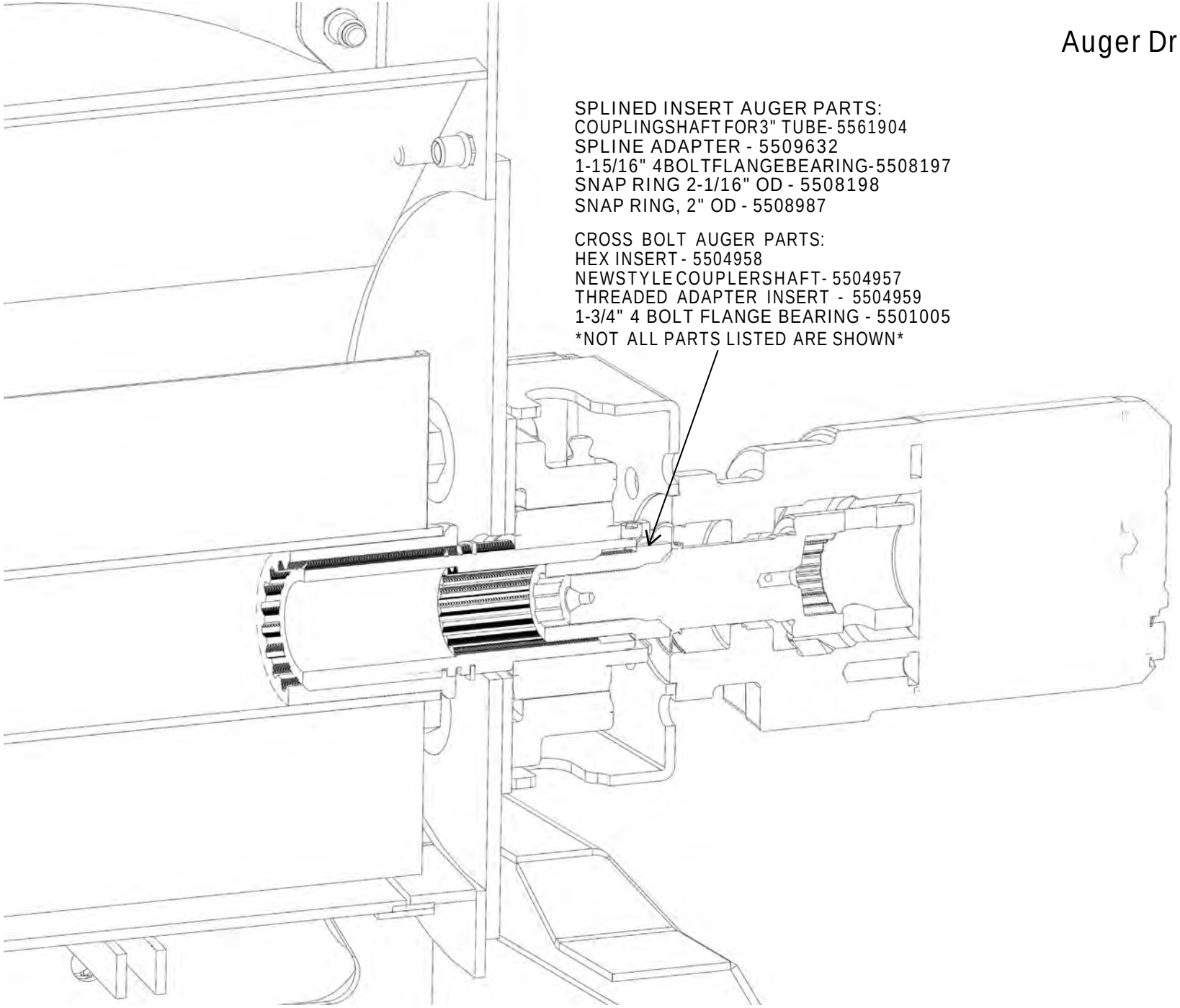


FLOOR AUGER HANGER BEARING

REAR FLOOR AUGER - CONTACT KT PACER PARTS AND SERVICE WITH SERIAL OR VIN NUMBER. IF THE UNIT HAS A SERIAL NUMBER ENDING IN "-7000" OR HIGHER, IT WILL USE 5509779, UNIVERSAL REAR FLOOR AUGER REPLACEMENT.

DRIVE & IDLE BEARING PARTS

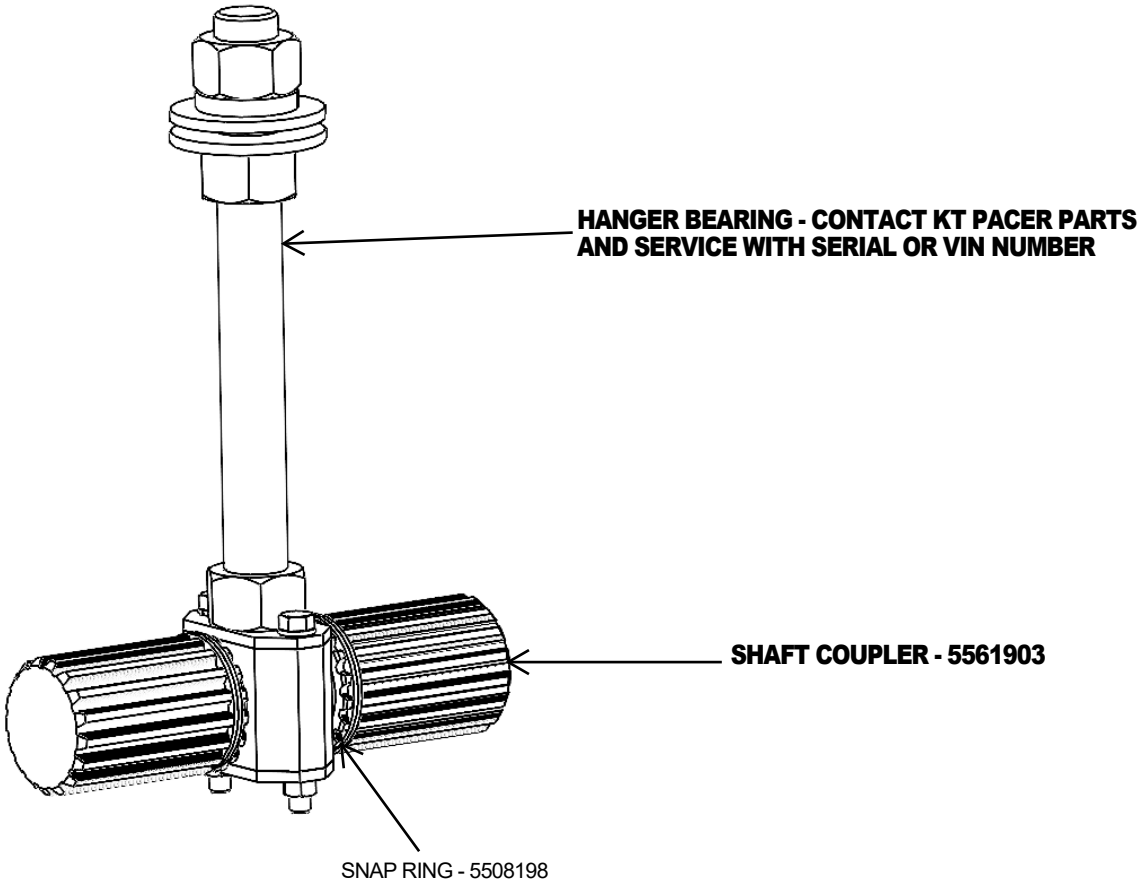
# Auger Drive Assembly



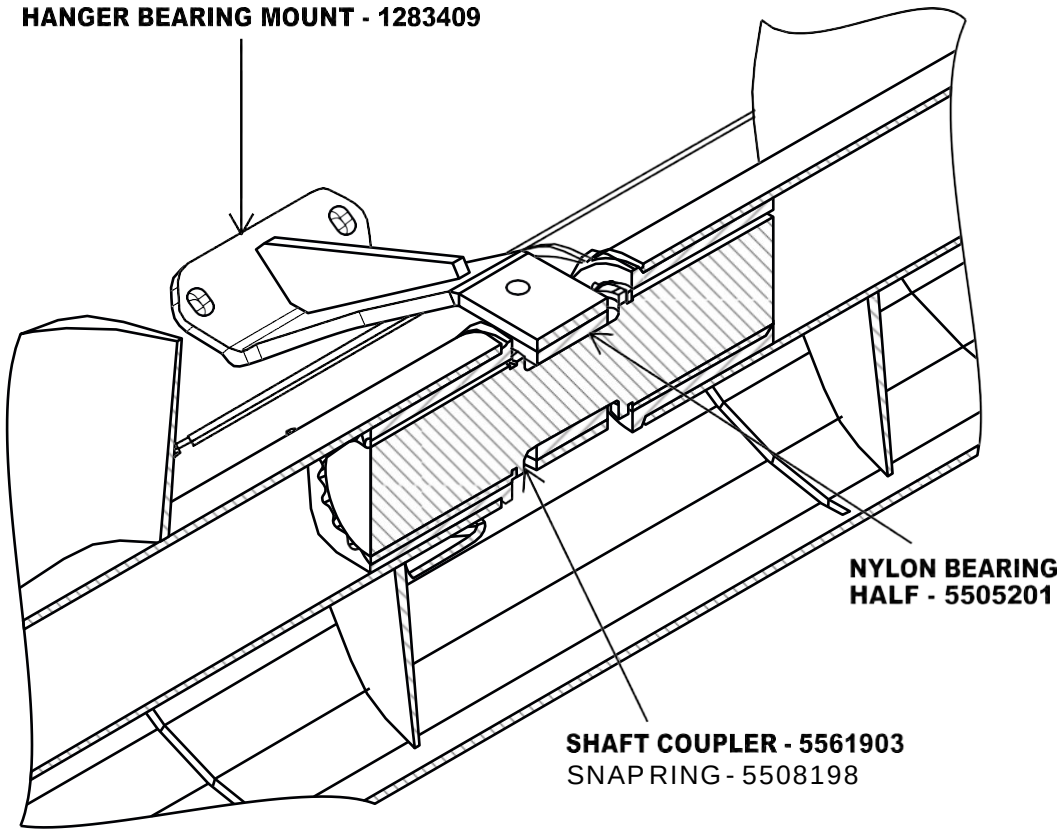
SPLINED INSERT AUGER PARTS:
COUPLINGSHAFT FOR3" TUBE- 5561904
SPLINE ADAPTER - 5509632
1-15/16" 4BOLTFLANGEBEARING-5508197
SNAP RING 2-1/16" OD - 5508198
SNAP RING, 2" OD - 5508987

CROSS BOLT AUGER PARTS:
HEX INSERT - 5504958
NEWSTYLE COUPLERSHAFT- 5504957
THREADED ADAPTER INSERT - 5504959
1-3/4" 4 BOLT FLANGE BEARING - 5501005
*NOT ALL PARTS LISTED ARE SHOWN*

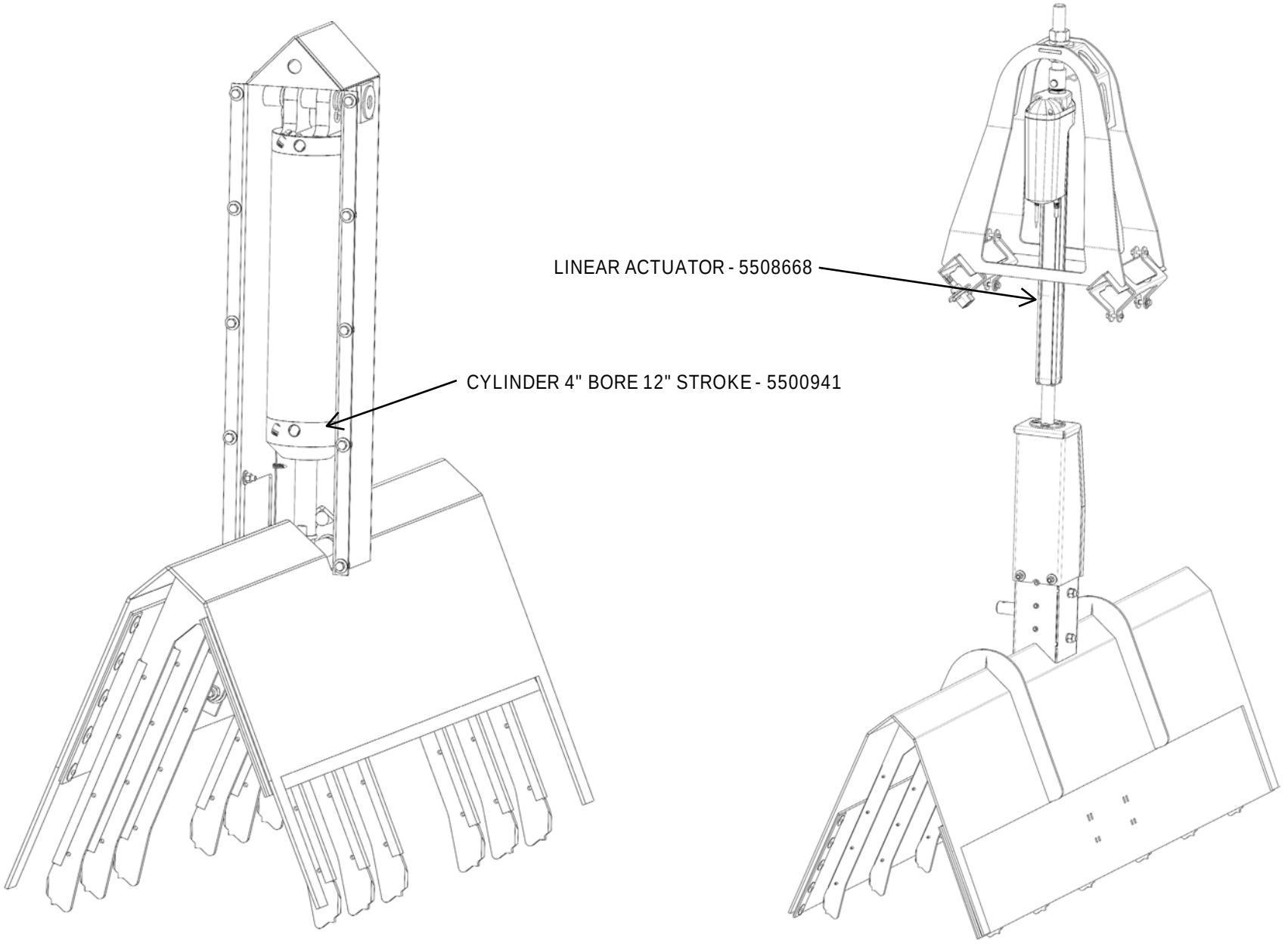
# Discharge Auger Hanger Bearing



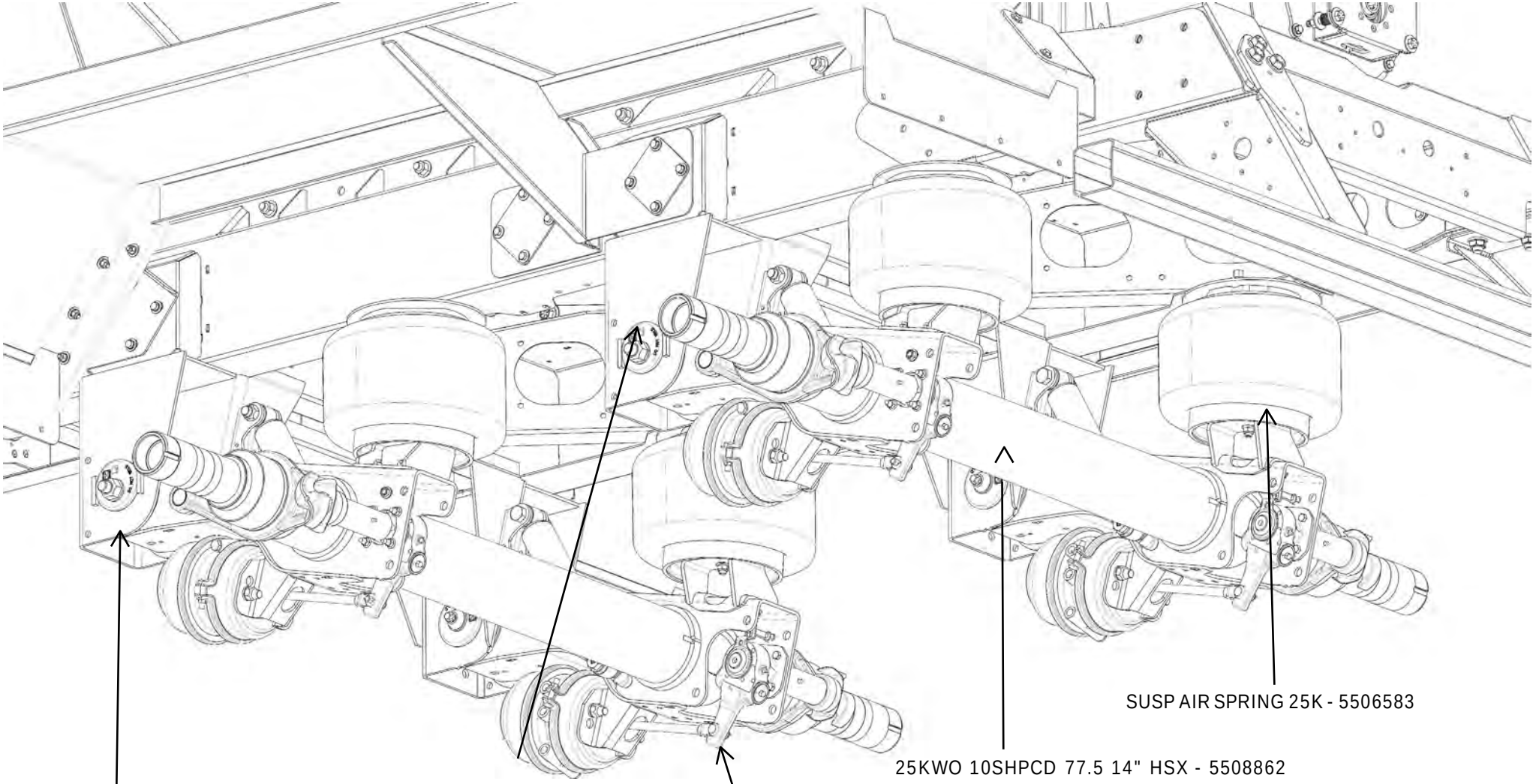
# Floor Auger Hanger Bearing



# Gate Assembly



# Subframe & Chassis



SUBFRAME GROUP - CONTACT KT
PACER PARTS AND SERVICE WITH
SERIAL OR VIN NUMBER

SUSP BUSHING KIT - 5506582

SLACK A/ADJ W/CLEVIS BENDIX 6.0" - 5503403

25KWO 10SHPCD 77.5 14" HSX - 5508862
25KWO 10SHPCD 71.5 14" HSX - 5509189
23K 10SHPCD 77.5 14" - 5508871

SUSP AIR SPRING 25K - 5506583

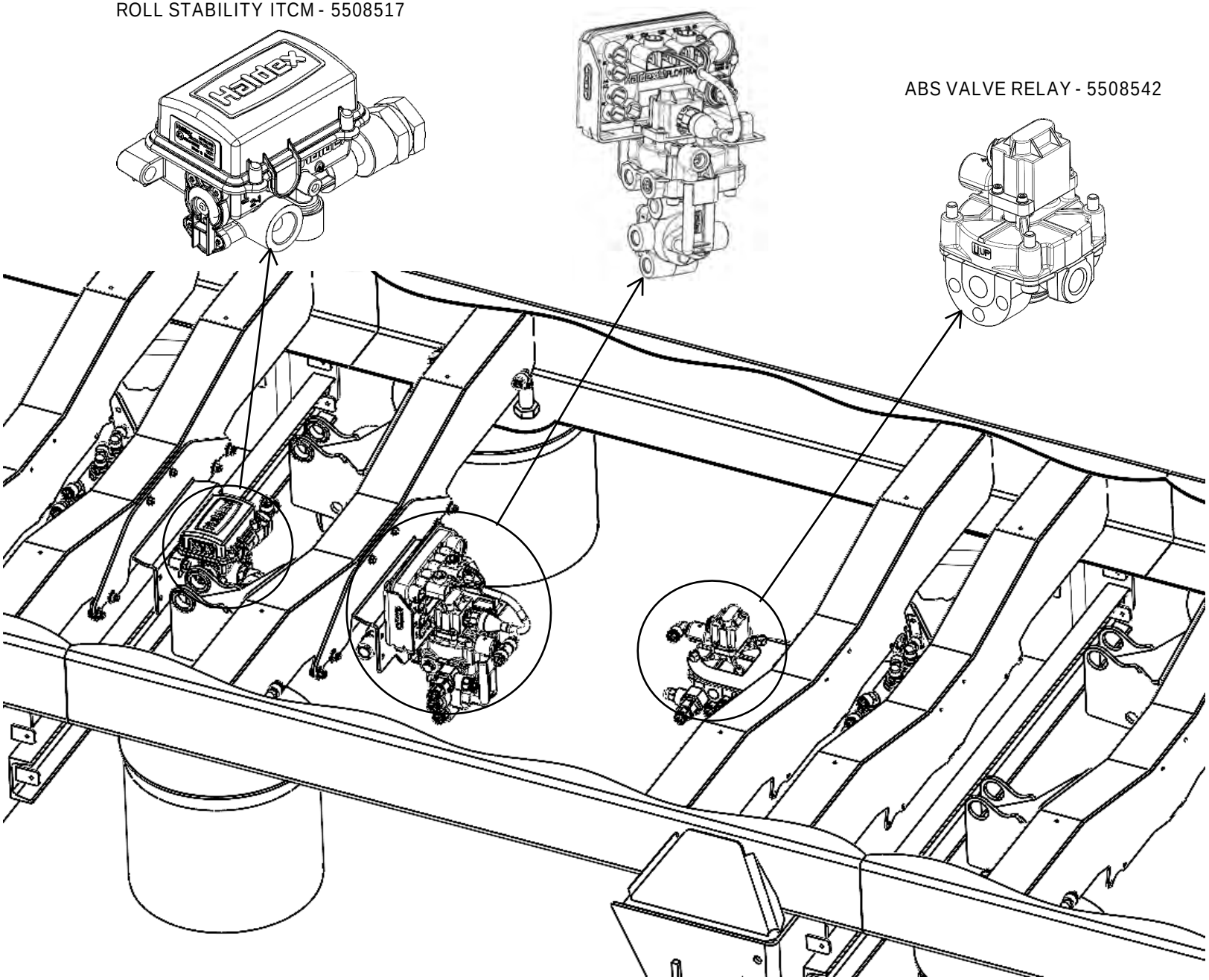
AIR TANK STL 2800C/I - 5503401
DRUM BRAKE HP 10H – 5503452

# Chassis Components

ROLL STABILITY ITCM - 5508517

ABS VALVE ECU WABCO - 5505071
ABS VALVE ECU HALDEX - 5508262

ABS VALVE RELAY - 5508542



# ABS Valve

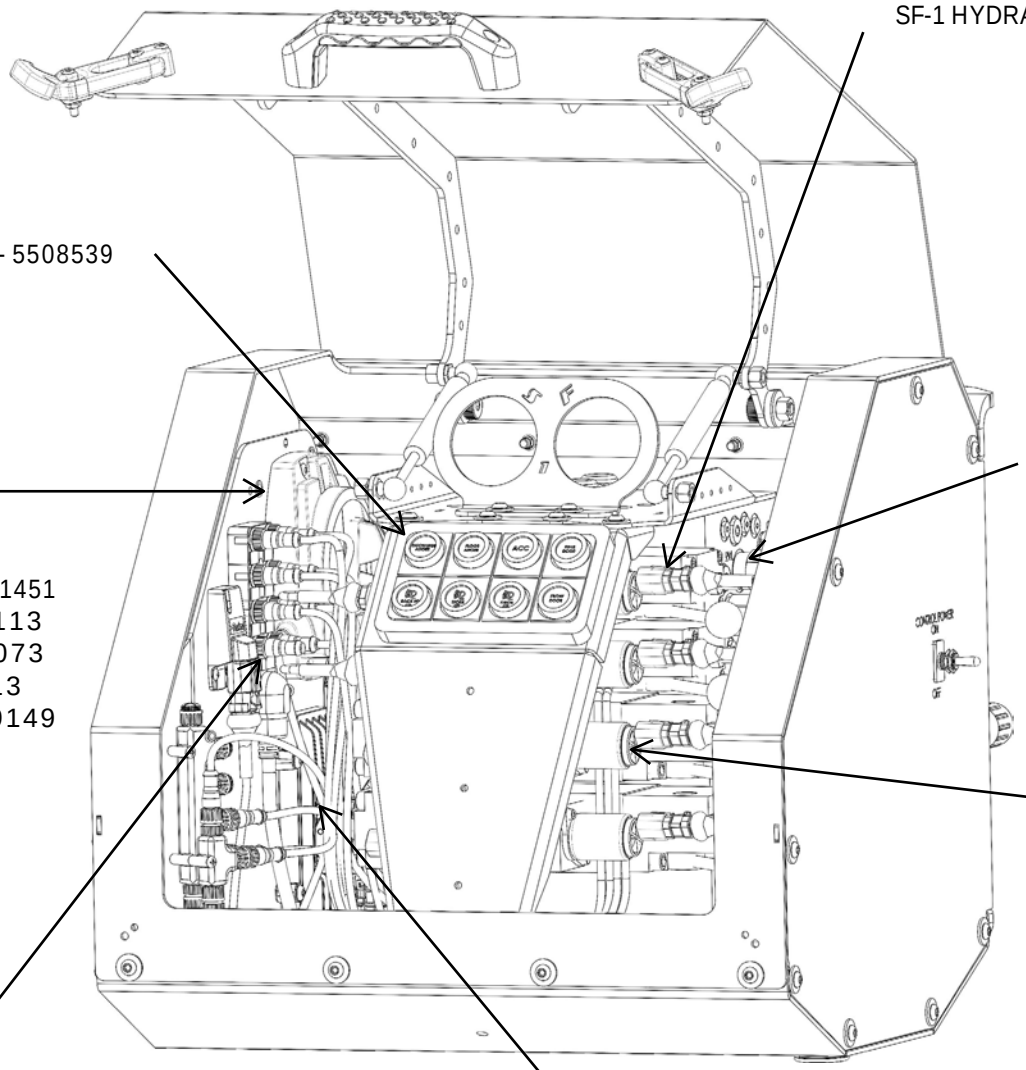



ABS BRAKE VALVE ITCM ECU - 5508262



ABS VALVE ECU WABCO - 5505071

# SF1 Valve



SF-1 HYDRAULIC VALVE - 5508825

8 POSITION KEYPAD - 5508539

PRESSURE TRANSDUCER - 5507461

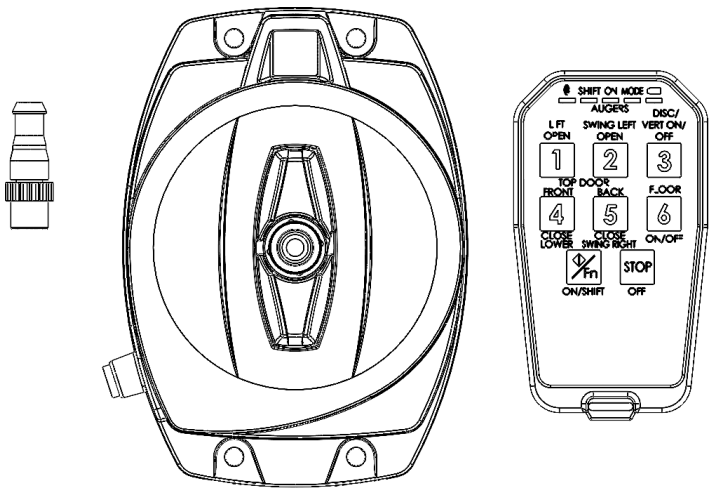
SCANRECO RECEIVER - 5507112
PACER CONNECT RCVR - 5501450
KAR-TECH RECEIVER - 5509150
PACER CONNECT TRANSMITTER - 5501451
POCKET TRANSMITTER - 5507113
ROCKET TRANSMITTER - 5509073
LODAR TRANSMITTER - 5505613
KAR-TECH TRANSMITTER - 5509149
*SOME ITEMS IN LIST NOT SHOWN*

COIL SF-1 12V - 5509024
VDM-12 MOTOR SPOOL - 5509114

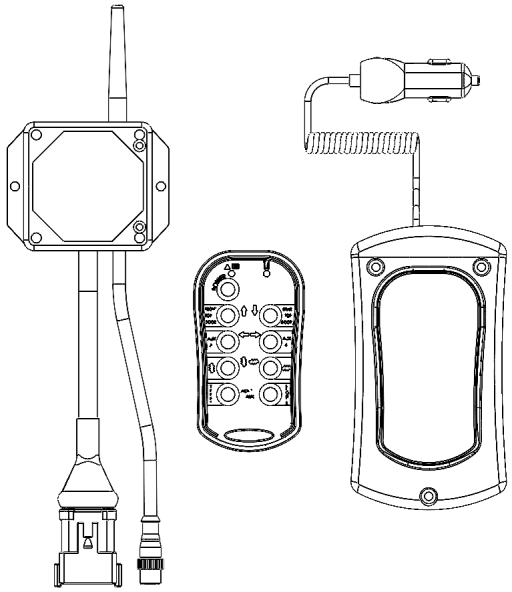
OUTPUT MODULE J1939 - 5507516
MC41 CONTROLLER WIRING HARNESS - 5508418

MC41 CONTROLLER - 5508291

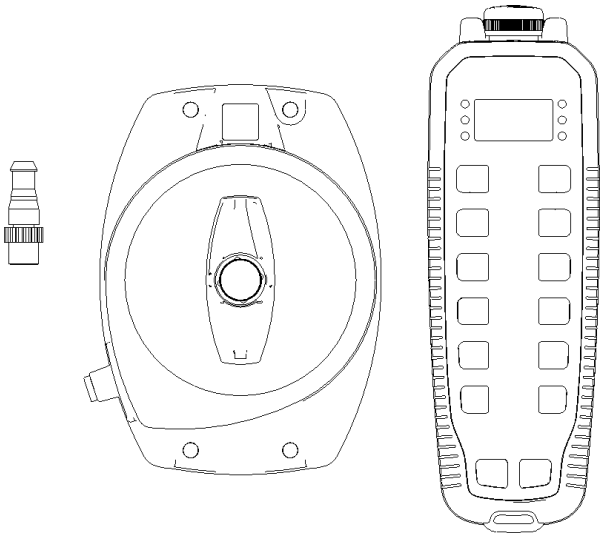
# Remotes



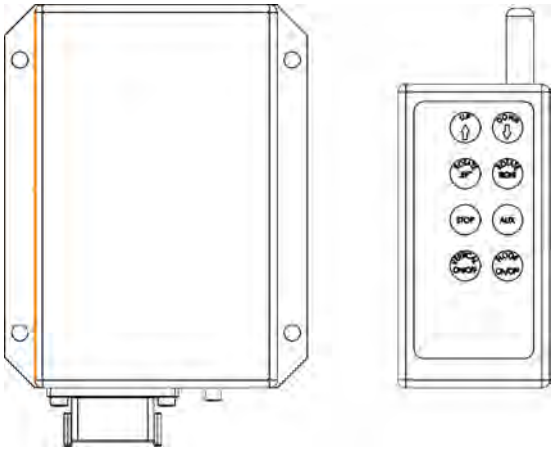

SCANRECO POCKET TRANSMITTER - 5507113



KARTECH TRANSMITTER - 5509149

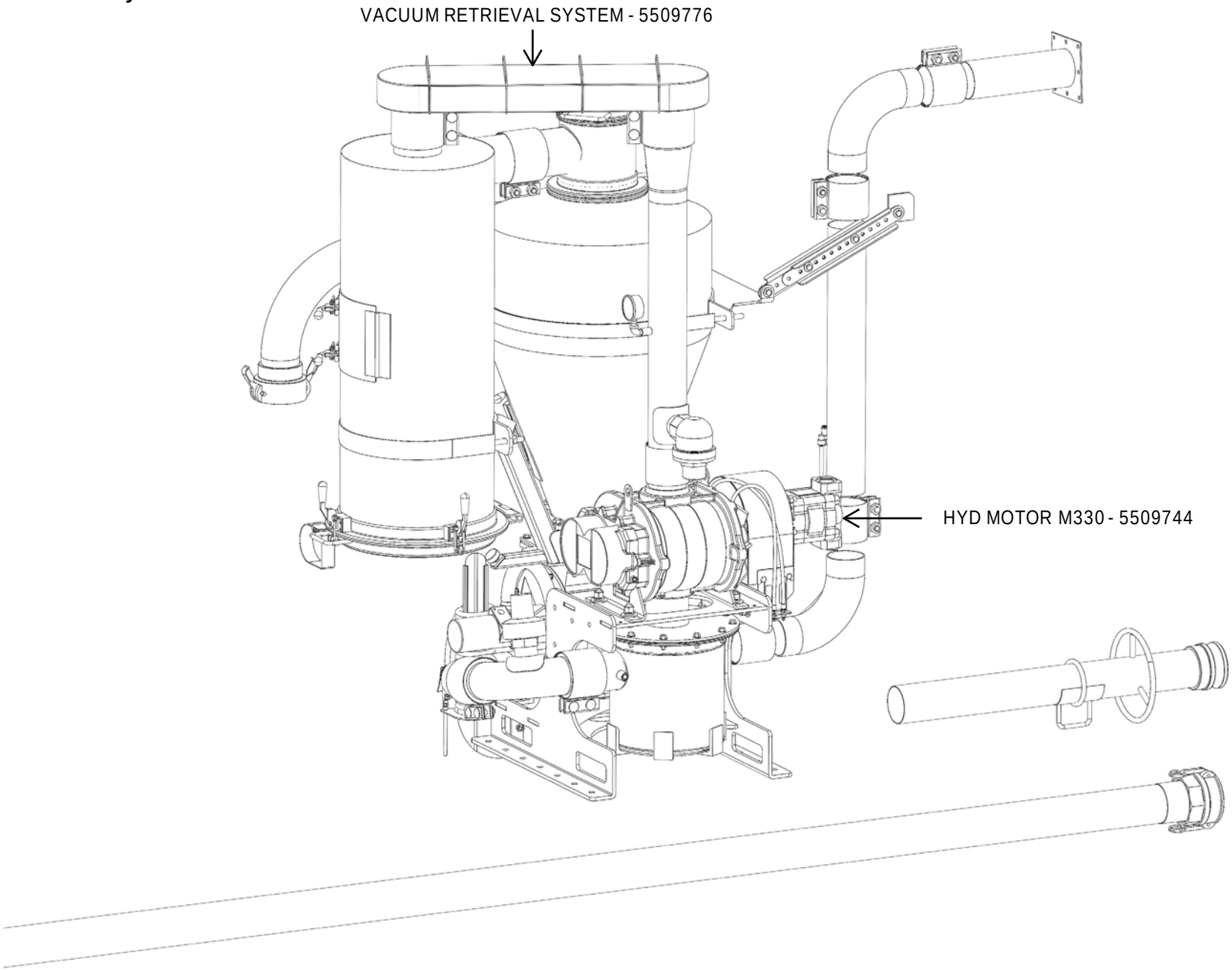


SCANRECO ROCKET TRANSMITTER - 5509073



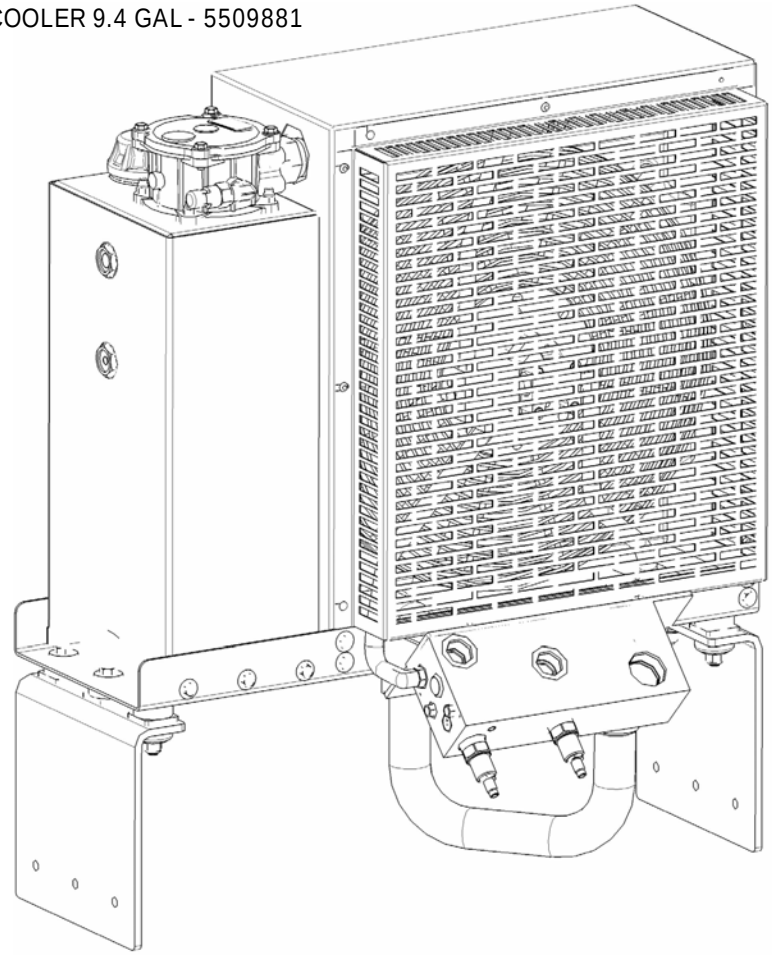
PACER CONNECT TRANSMITTER - 5501451

# Air Retrieval System



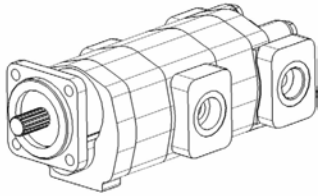
# Wet Kit Components

STAC980 HYD COOLER 9.4 GAL - 5509881



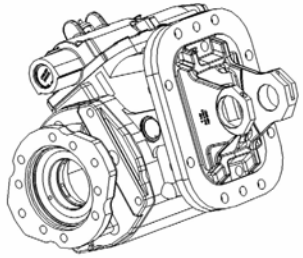
Pumps:

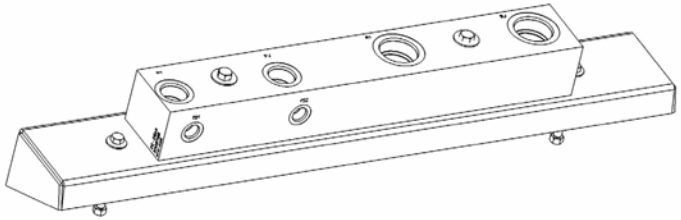
P330 2X2 7/8"-13T SPLINE - 5501303
P330 2X2 1"-15T SPLINE - 5508839
P350 2X2 1"-15T SPLINE - 5506880
P350 2X2 1-1/4" KW CCW - 5506603
P20 2X2 BI-ROTATIONAL JIC - 5504500
P20 1.5X1.5 7/8"-13T SPLINE - 5509384



PTO's:

680 SERIES PTO 7/8"-13T SPLINE - 5507562
680 SERIES PTO 7/8"-13T SPLINE - 5507564
680 SERIES PTO 7/8"-13T SPLINE - 5507802
680 SERIES PTO 1"-15T SPLINE - 5507561
280 SERIES PTO 7/8"-13T SPLINE - 5509807





3 LINE MANIFOLD CROSS FRAME MOUNT - 1451427