

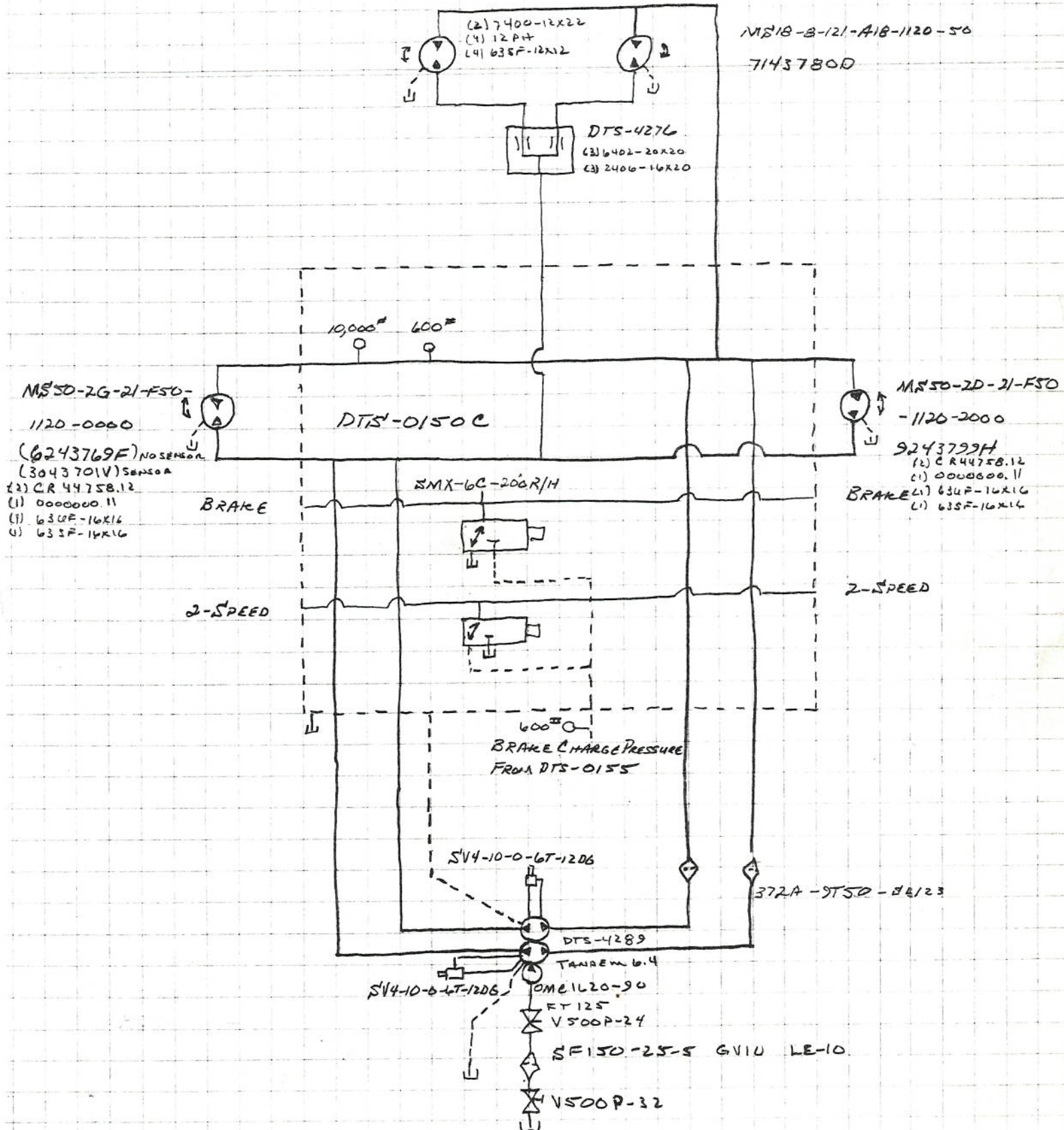
# 2109

De la noy

# 2000 DTS-0150C GROUND DRIVE

9/6/01 Revision #1

#2103 DELANOV  
HRSFH WAR



2001 PRIMARY-LOWER SECONDARY CIRCUITS  
TRIPLE 2.48 PUMP

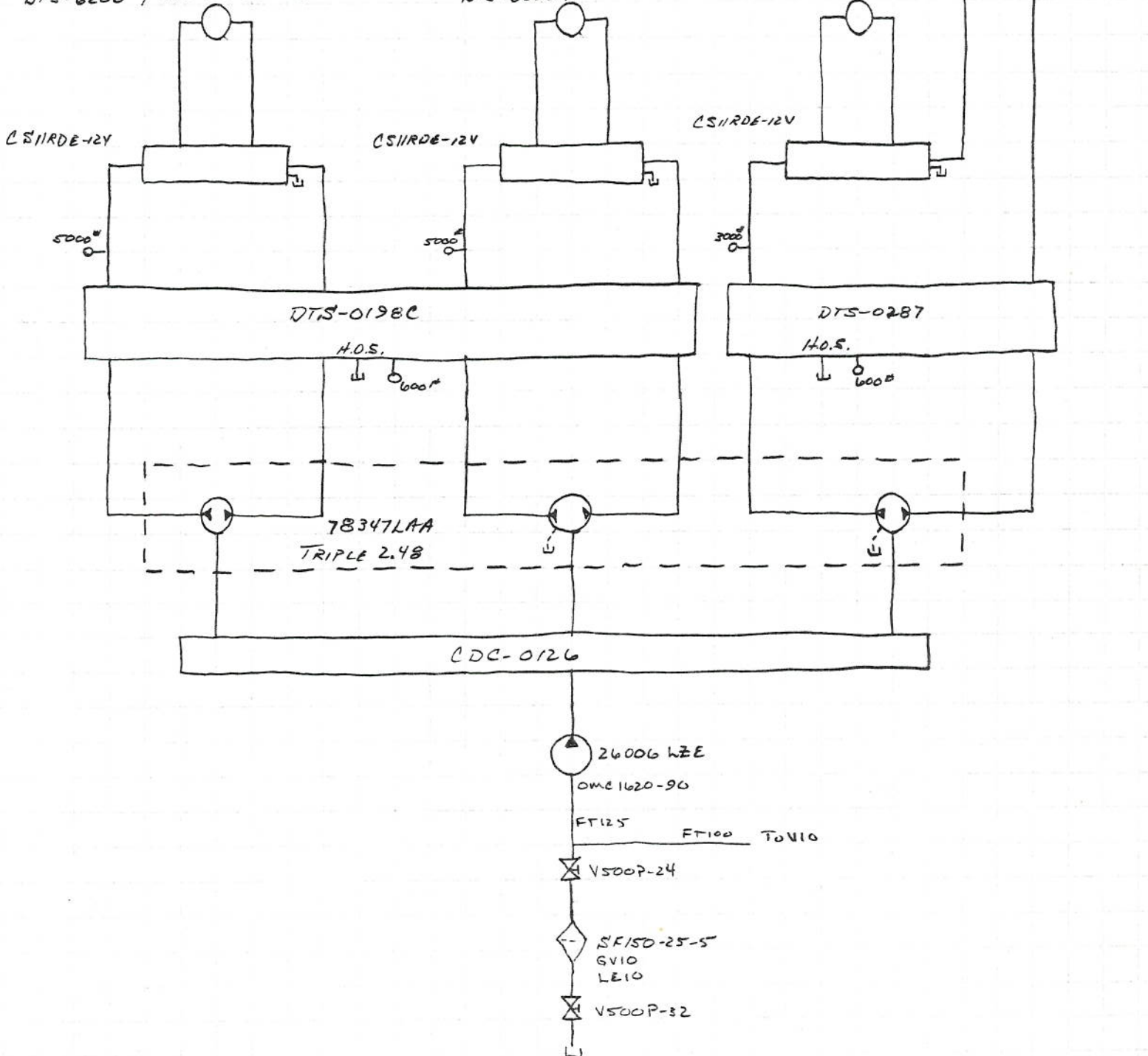
9/6/01 REVISION #1  
#2109 HRS PARTIAL-DEMAND  
PRIMARY-GEARBOX/MOTOR

VIBRATOR  
104-1667

LEFT PRIMARY  
DIRECT DRIVE GEARBOX/MOTOR  
155-0070 / 104-1954  
DTS-6200 / STB-6B-05-K3

RIGHT PRIMARY  
DIRECT DRIVE GEARBOX/MOTOR  
155-0070 / 104-1954  
DTS-6200 / STB-6B-05-K3

LOWER SECONDARY  
STB-6B-05-K3  
104-1954

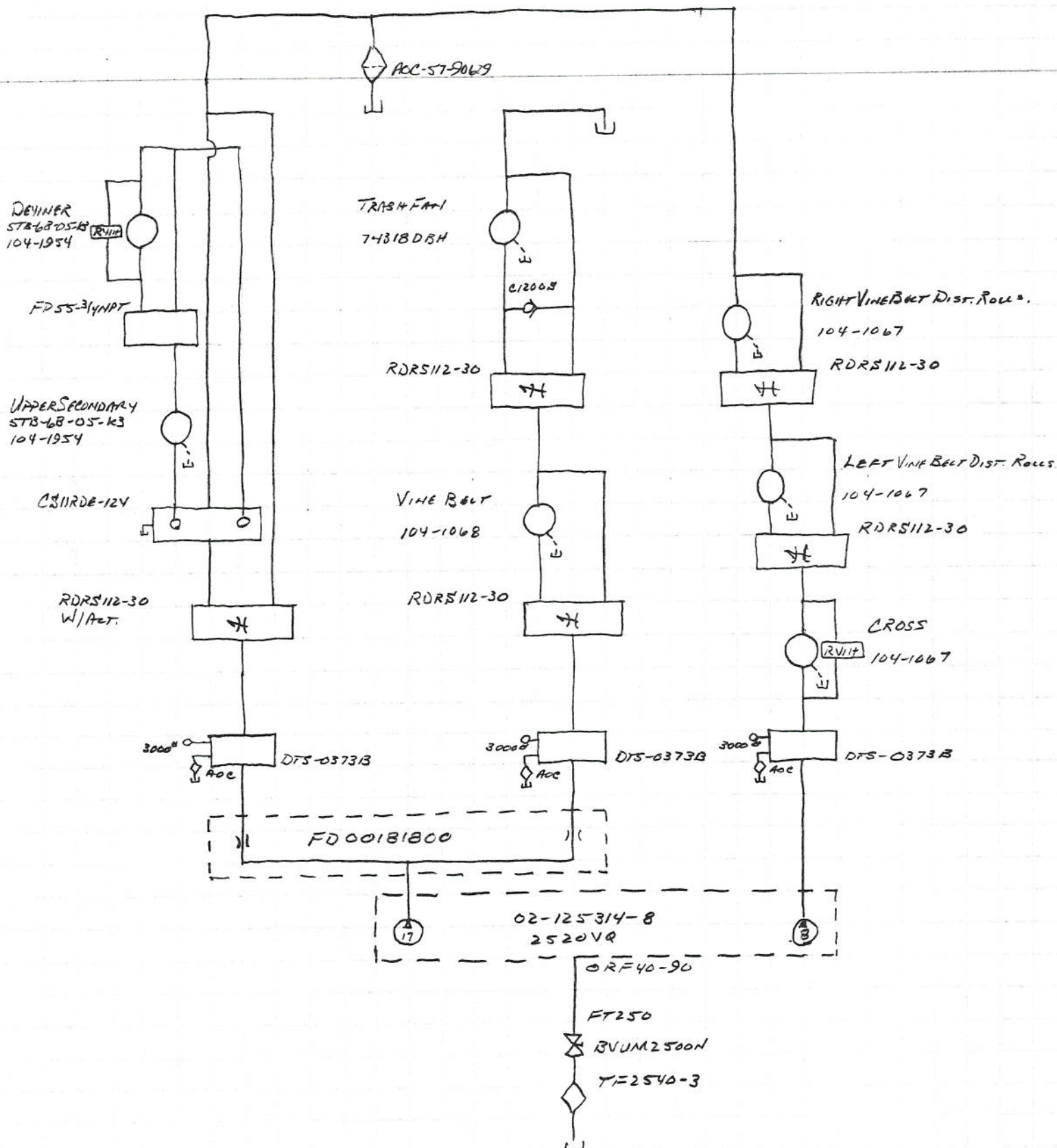


9/6/01

#2117 NEUMILLER

GRSPH/AR

# 2001 - SECONDARY - VINE BELT - CROSS CIRCUITS 2520 VQ PUMP.

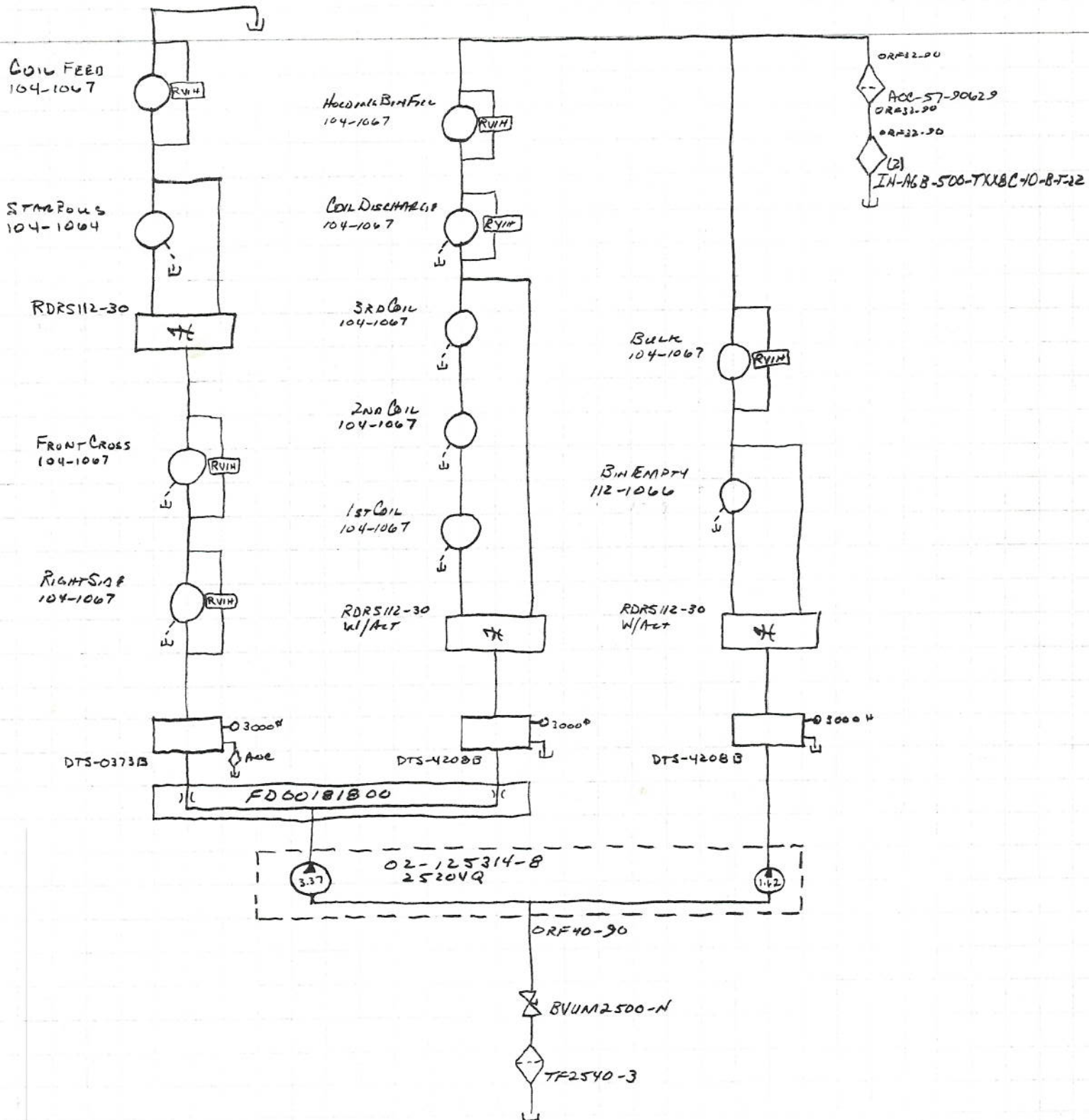


9/6/01 Revision #1

2109 DELANDY 4RSAMVIA

2001 RIGHT SIDE - COIL TABLE - BIN EMPTY

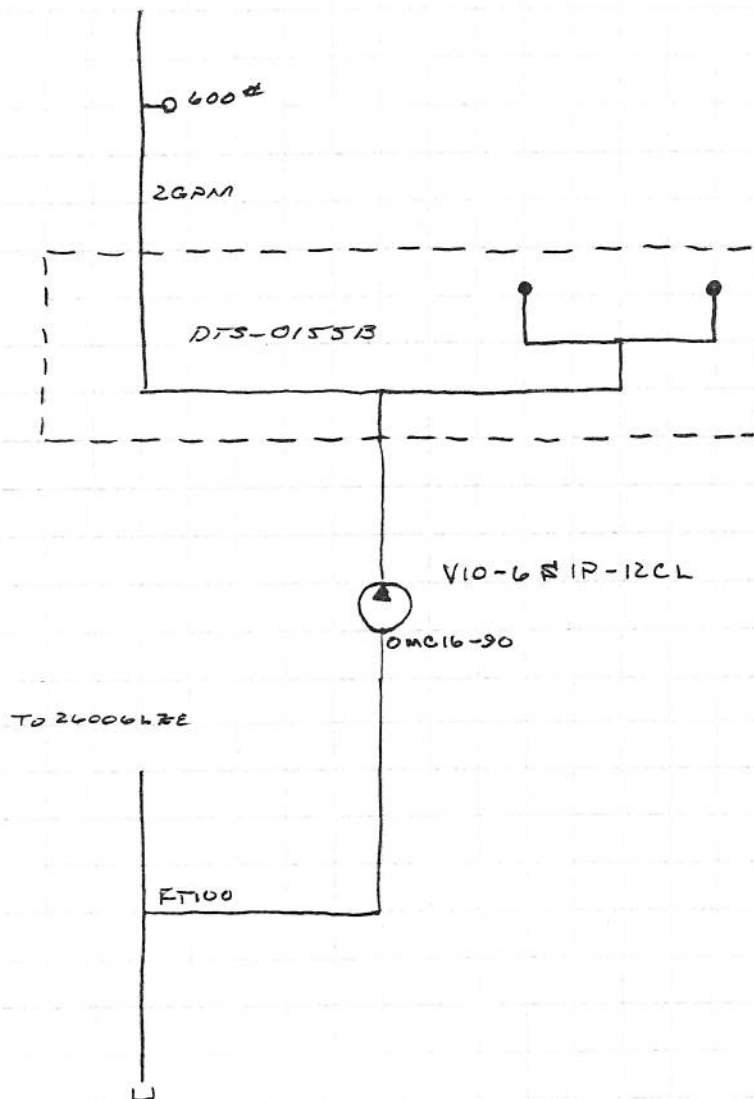
2520VQ



2001 BRANK CHARGE PRESSURE  
V10 / RPA / 1 GPM SECTION

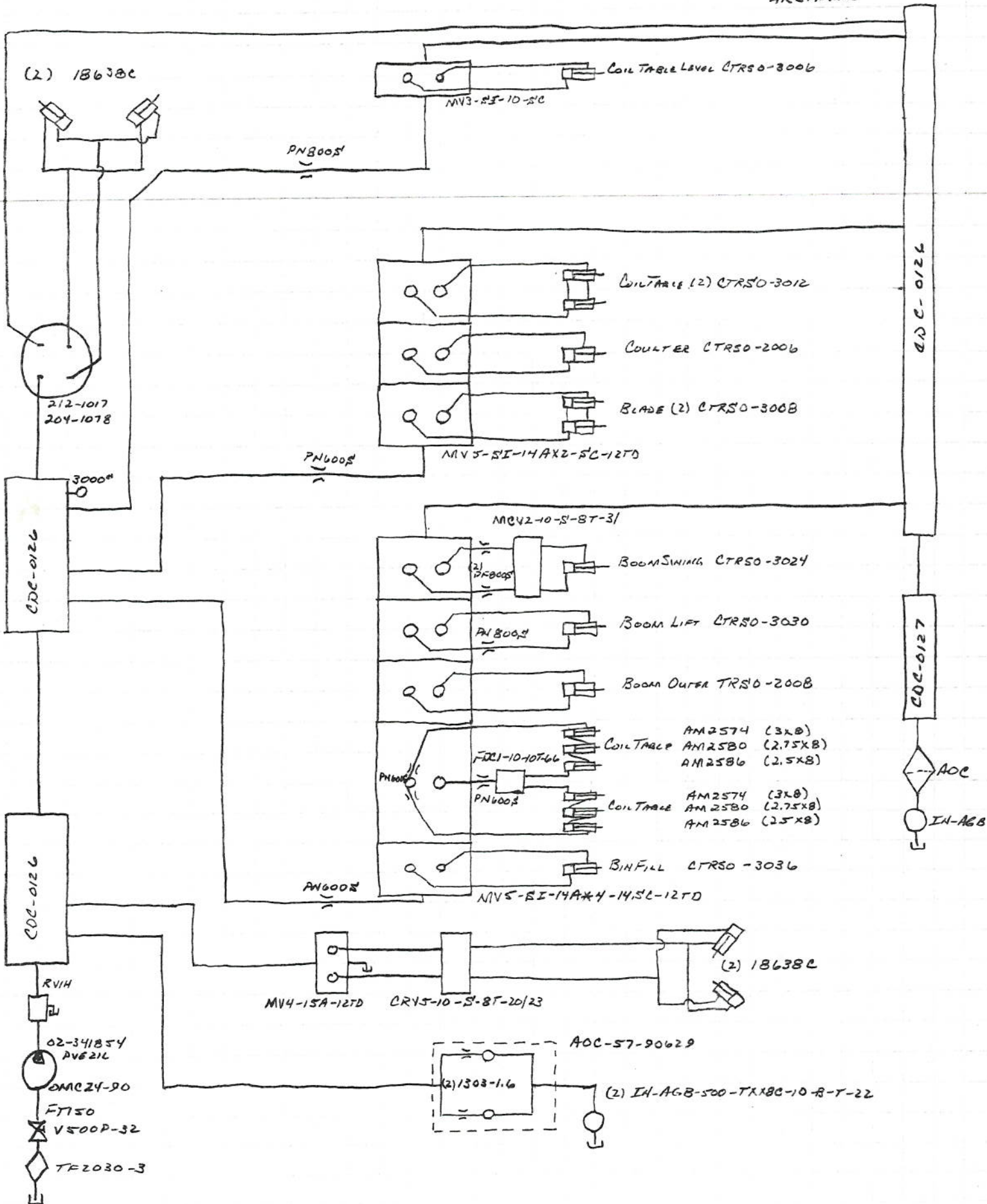
9/6/01 REVISION #1  
#2109 DELANDY  
4RSPA WAR

BRANK CHARGE PRESSURE TO DTS-0150C



# 2001 VALVE PLANK / STEERING / COIL TABLE

9/16/01 REVISION 4  
#2109 DELTA  
HRSALWIA



9/6/01 Revision #1  
 4 RSPH VIAL W/HOLDING TANK  
 W/COIL TABLE  
 DELIVERY

M11

KJ3-01 BBBC/BB-B-B-

TRIPLE 2.48 (T.L.) 78347 LAA/26006 LZE

1. LEFT PRIMARY
2. RIGHT PRIMARY
3. LOWER SECONDARY  
VIBRATOR

2520 VQ 17/8 (T.R) 02-125314-8

F.D. UPPER SECONDARY  
DEVINER

F.D. VINE BELT  
TRASH FAN

END CROSS

LEFT DISTRIBUTOR ROLLS

CROSS STAR ROLLS

RIGHT DISTRIBUTOR ROLLS

2520 VQ 17/8 (L.L) 02-125314-8

F.D. RIGHT SIDE  
FRONT CROSS  
COIL FEED

F.D. 1ST COIL

2ND COIL

3RD COIL

COIL DISCHARGE

HOLDING BIN FILL

END. HOLDING BIN EMPTY

BULK

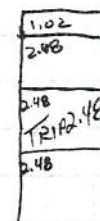
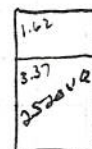
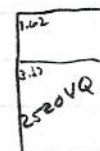
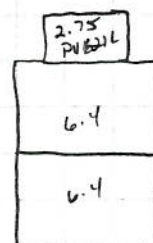
TANDEM 6.4 DTS-4289 (L.R)  
GROUND DRIVE

PVE 21L - 02-341854

STEERING/VALVE BANK

V10-681P-12CL (ENGINE)

BRAKE CHARGE PRESSURE



KJ3-01

M11

9/6/01 REVISION #1

#2109 DELANOV

4/RSPT WAA

(4")

(3")

(2")

(3")

(4")

TF2540-3

TF2030-3

2" CLS NIP

3" X 2" BUSH

TF2540-3

2 1/2" CLS NIP

2" CLS NIP

V500P-32

2" CLS NIP

2 1/2" CLS NIP

BVUM 2500-N

V500P-32

2" X 1 1/2" BUSH

V500P-32

BVUM 2500-N

FT250

2" X 1 1/2" BUSH

1 1/2" CLS NIP

2" X 1 1/2" CLS NIP

FT250

\* 2520VQ (TR)

FT150

SF150-25-5

SF150-25-5

\* 2520VQ (L.L.)

\* PVEZIL (L.R.)

1 1/2" CLS NIP

1 1/2" CLS NIP

V500P-24

2" X 1 1/2" BUSH

1 1/2" X 1 1/4" BUSH

V500P-32

FT125

2" CLS NIP

\* TANDEM 64 (L.R.)

2" TEE ①

① 2" 90° STEEL ② 2" X 1 1/4" BUSH

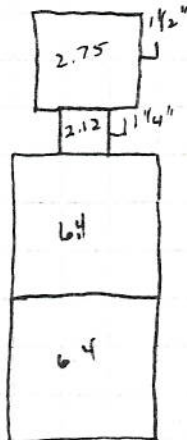
2" X 1" BUSH

FT125

FT100

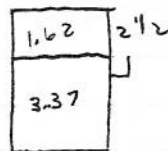
\* 26006LZE (T.L.)

\* V10 (ENG)

02-341854  
PVEZIL

DTS-4289

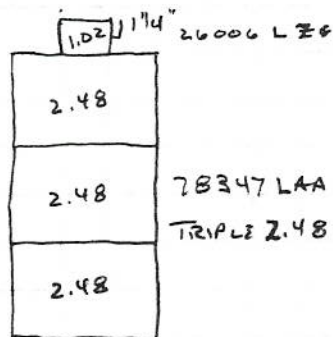
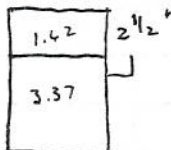
TANDEM 64



02-125314-8

02-125314-8

2520VQ



26006 LZE

28347 LAA

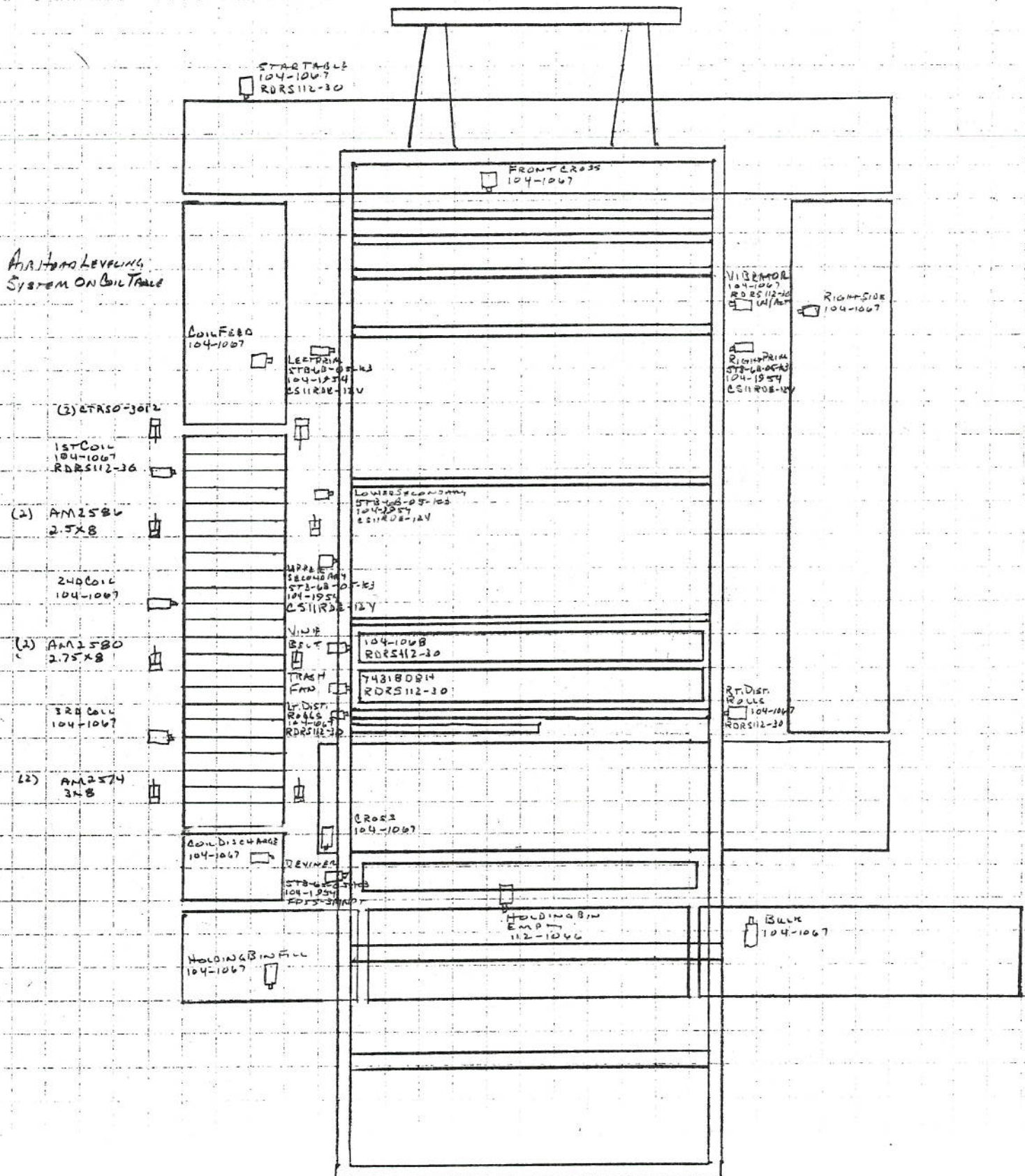
TRIPLE 2.48



V10-LSIP-12CL

V10-BPAD-16PMRING

И/Считавше.



#2109

DELANOY

4RSPHVAR W/HOLDING TANK

9-9-01

## PLUG #1

## PIN #

|    |        |      |                                                    |               |
|----|--------|------|----------------------------------------------------|---------------|
| 1  | YELLOW | 92   | CB 1 to HAZARD STAT to SWITCH                      |               |
| 2  | GREEN  | 91   | CB 2 to RIGHT WORK LIGHT RELAY/SWITCH              |               |
| 3  | ORANGE | 90   | CB3 to LEFT WORK LIGHT RELAY/SWITCH                |               |
| 4  | BLACK  | 017  | CB4 to BRAKE, STEER, WARNING, SPEEDOMETER          |               |
| 5  | RED    | 081  | CB 10 to FUEL PUMP SWITCH                          |               |
| 6  | YELLOW | 89   | CB5 to MASTER SWITCH                               |               |
| 7  |        |      |                                                    |               |
| 8  | BLACK  | 0012 | CB7 to 2-SPEED                                     |               |
| 9  | BLACK  | 0017 | BRAKE SWITCH to BRAKE SOLENOID                     | BLACK/BLUE 17 |
| 10 | BROWN  | 88   | CB 11 to ROAD BACK-UP RELAYS/SWITCH                |               |
| 11 | WHITE  | 85   | CB12 to ACTUATOR SWITCHES                          |               |
| 12 | RED    | 81   | FUEL PUMP SWITCH to FUEL PUMP                      |               |
| 13 | PURPLE | 66   | COIL TABLE RDRS ACTUATOR                           |               |
| 14 | WHITE  | 65   | COIL TABLE RDRS ACTUATOR                           |               |
| 15 | BROWN  | 37   | UPPER SECONDARY REVERSE                            |               |
| 16 | GREEN  | 38   | COIL SPACE MV5                                     |               |
| 17 | BLACK  | 35   | BIN EMPTY RDRS ACTUATOR                            |               |
| 18 | WHITE  | 30   | BIN EMPTY RDRS ACTUATOR                            |               |
| 19 | YELLOW | 33   | PRIMARY VIBRATOR ACTUATOR                          |               |
| 20 | RED    | 32   | PRIMARY VIBRATOR ACTUATOR                          |               |
| 21 | RED    | 70   | UPPER SECONDARY RDRS ACTUATOR                      |               |
| 22 | PURPLE | 69   | UPPER SECONDARY RDRS ACTUATOR                      |               |
| 23 | RED    | 52   | CB 16 to FOOT SWITCHES 12VDC                       |               |
| 24 | PURPLE | 83   | FOOT SWITCHES to STEERING BOX                      |               |
| 25 | BLUE   | 49   | LEFT SIDE SWITCH SOLENOID                          |               |
| 26 | ORANGE | 50   | BIN EMPTY SOLENOID                                 |               |
| 27 | RED    | 75   | BIN FILL SWITCH AUTO POSITION TO MICRO-COM         |               |
| 28 | BLUE   | 71   | BIN FILL MV5 UP TO BIN FILL MICRO BLUE 76 N.O.     |               |
| 29 | ORANGE | 72   | BIN FILL MV5 DOWN TO BIN FILL MICRO ORANGE 77 N.O. |               |
| 30 | YELLOW | 39   | COIL SPACE MV5                                     |               |
| 31 |        |      |                                                    |               |
| 32 |        |      |                                                    |               |
| 33 | YELLOW | 42   |                                                    |               |
| 34 | WHITE  | 43   |                                                    |               |
| 35 | RED    | 44   |                                                    |               |
| 36 | BROWN  | 47   |                                                    |               |
| 37 | BLUE   | 48   |                                                    |               |

#2109 DELANOY

4RSPHWAR W/ HOLDING TANK

9-9-01

## PLUG 2

## PIN #

|    |           |                                                          |            |
|----|-----------|----------------------------------------------------------|------------|
| 1  | BROWN     | 153 LEFT PRIMARY REVERSE                                 |            |
| 2  | ORANGE    | 154 RIGHT PRIMARY REVERSE                                |            |
| 3  | BLACK     | 059 PARK SWT. TO 14(5)/15(5) RED 0015 TO SMX TO SV4-10-0 |            |
| 4  | RED/ORG   | 23 HYDRAULIC OIL TEMPERATURE SENSOR TO CAB               | YELLOW 752 |
| 5  | RED/BLK   | 07 TACHOMETER SENSOR TO CAB                              | DK GRN/602 |
| 6  | GREEN     | 155 LOWER SECONDARY REVERSE                              |            |
| 7  | BROWN     | 54 RIGHT TURN SIGNAL                                     |            |
| 8  | YELLOW    | 53 LEFT TURN SIGNAL                                      |            |
| 9  | BROWN     | 06 BACK-UP LIGHT SWITCH TO RELAY                         |            |
| 10 | BLUE      | 036 RIGHT WORK LIGHT SWITCH TO RELAY                     |            |
| 11 | BLACK     | 034 LEFT WORK LIGHT SWITCH TO RELAY                      |            |
| 12 | BLACK     | 01 4 X 4 SWITCH TO RELAY                                 |            |
| 13 | BLK/RED   | 012 2-SPEED SWITCH TO SOLENOID                           |            |
| 14 | BRN/BLUE  | 021 VINE BELT SWITCH TO SOLENOID                         |            |
| 15 | BRN/BLK   | 011 PRIMARY SWITCH TO SOLENOID                           |            |
| 16 | YELLOW    | 05 LOWER SECONDARY CONV. SWITCH TO SOLENOID              |            |
| 17 | BRN/RED   | 016 CROSS CONVEYOR SWITCH TO SOLENOID                    |            |
| 18 | RED       | 82 UPPER SECONDARY CONV. SWITCH TO SOLENOID              |            |
| 19 |           |                                                          |            |
| 20 |           |                                                          |            |
| 21 | BLUE      | 03 GROUND-DRIVE HI-PRESSURE FILTER #3 TO LIGHT           |            |
| 22 | YELL/BLUE | 020 HYDRAULIC LEVEL SENSOR TO CAB (BZL-12)               |            |
| 23 | WHITE     | 61 CROSS CONVEYOR PRESSURE SWITCH N.O. TO CAB (BZ 6562)  |            |
| 24 | BLK/ORG   | 022 RIGHT SIDE CONVEYOR SWITCH TO SOLENOID               |            |
| 25 | ORANGE    | 143 CB7 TO HYDRO NEUTRAL SWITCH #1                       |            |
| 26 | ORANGE    | 144 HYDRO NEUTRAL SWITCH #2 TO PANEL RELAY               |            |
| 27 | PURPLE    | 094 ROAD LIGHT SWITCH TO RELAY                           |            |
| 28 | GREEN     | 607 DTS-0160 TO CAB SPEEDOMETER                          | GREEN 607  |
| 29 | RED       | 149 LOWER SECONDARY PUMP ACTUATOR                        |            |
| 30 | YELLOW    | 150 LOWER SECONDARY PUMP ACTUATOR                        |            |
| 31 | ORANGE    | 145 RIGHT PRIMARY PUMP ACTUATOR                          |            |
| 32 | BLUE      | 146 RIGHT PRIMARY PUMP ACTUATOR                          |            |
| 33 |           |                                                          |            |
| 34 |           |                                                          |            |
| 35 | BLACK     | 151 LEFT PRIMARY PUMP ACTUATOR                           |            |
| 36 | BROWN     | 123 TEMP SENSOR DTS-0198 TO CAB (BZL-12)                 | GREEN 425  |
| 37 | RED       | 152 LEFT PRIMARY PUMP ACTUATOR                           |            |

#2109

DELANOY 4RSPHWR W/HOLDING TANK

9-9-01

## PLUG 3

## PIN #

## [LG 16]

|     |     |      |       |                                                 |             |
|-----|-----|------|-------|-------------------------------------------------|-------------|
| 1   | 18  | RED  | CB 6  | TO WIPER                                        |             |
| 2   | 12  | RED  | CB 6  | TO RADIO                                        |             |
| 3   | 705 | PUR  |       | OIL PRESSURE SENSOR TO GAUGE                    | ORG/RED 14  |
| 4   | 20  | BLK  |       | GROUND                                          |             |
| 5   | 503 | BRN  |       | LIGHT SWITCH ROAD POSITION TO REAY #5-86        |             |
| 6   | 22  | RED  | CB 8  | TO DOME LIGHT/PANEL/LT SWT/RADIO MEM.(ST87 HOT) |             |
| *7  | 507 | BRN  |       | CAB FIELD LIGHT RELAY TO CAB FIELD LIGHTS #4-30 |             |
| 8   |     |      |       |                                                 |             |
| 9   | 924 | ORG  |       | OIL PRESSURE SENSOR TO LIGHT                    | ORG/BLUE 19 |
| *10 | 526 | BRN  |       | CAB ROAD LIGHT RELAY TO CAB LIGHTS #5-30        |             |
| 11  | 652 | BLUE |       | FUEL TANK SENDER TO GAUGE                       | WHITE 58    |
| 12  | 653 | BLUE |       | COOLANT TEMP SENSOR TO LIGHT                    | ORG/BLK 9   |
| 13  | 617 | GRN  |       | COOLANT TEMP SENDER TO GAUGE                    | ORG 4       |
| 14  | 504 | BRN  |       | CAB FIELD LIGHT POSITION TO RELAY #4-86         |             |
| *15 | 156 | BLK  | CB 15 | TO AUXILLARY OUTLET BOX 12 GA.                  |             |
| 16  | 437 | GRN  |       | OIL TEMPERATURE GAUGE TO DTS-0198C (GROUND)     |             |

# 65" AIR-HEAD MACHINE PLUG #4

#2109 DELANOY

4RSPHWR/HOLDING TANK

9-9-01

## PLUG 4

SW # PIN #

|   |    |            |    |      |                          |                     |            |
|---|----|------------|----|------|--------------------------|---------------------|------------|
|   | 1  | RED        | 21 | CB 7 | TO PIN 4 ON GAUGE PANEL  |                     |            |
| 1 | 2  | BLACK      |    |      | BLACK                    | COIL TABLE          | BLACK 108  |
| 1 | 3  | RED        |    |      | RED                      | COIL TABLE          | RED 109    |
| 2 | 4  | ORANGE     |    |      | ORANGE                   | OUTER BOOM          | ORANGE 110 |
| 2 | 5  | BLUE       |    |      | BLUE                     | OUTER BOOM          | BLUE 111   |
| 3 | 6  | BLK/WHITE  |    |      | YELLOW                   | LIFT                | WHITE 112  |
| 3 | 7  | RED/WHITE  |    |      | BROWN                    | LIFT                | BROWN 113  |
| 4 | 8  | BLUE/WHITE |    |      | VIOLET                   | SWING               | PURPLE 114 |
| 4 | 9  | GRN/WHITE  |    |      | GRAY                     | SWING               | GREEN 115  |
| 5 | 10 | ORN/BLK    |    |      | WHITE/BROWN              | COULTER (ORANGE 41) | YELLOW 116 |
| 5 | 11 | BLUE/BLK   |    |      | WHITE/BLACK              | COULTER             | BROWN 117  |
| 6 | 12 | RED/BLK    |    |      | WHITE/RED                | BLADE (RED 40)      | RED 118    |
| 6 | 13 | GRN/BLK    |    |      | WHITE/YELLOW             | BLADE               | BLACK 119  |
|   | 14 | BLUE       | 55 |      | LEFT CRAB FOOT SWITCH to | STEERING BOX RELAY  |            |
|   | 15 |            |    |      |                          |                     |            |
|   | 16 | ORANGE     | 56 |      | RIGHT CRAB FOOT SWITCH   | STEERING BOX RELAY  |            |

#2109

DELANOY

4RSPHWAR W/ HOLDING TANK

9-9-01

**PLUG 5**

| <b>PIN #</b> |      | <b>COLUMN PLUG</b> |                                                      |
|--------------|------|--------------------|------------------------------------------------------|
| 1            | 11   | RED                | ST 87 HOT SIDE TERMINAL                              |
| 2            | 12   | RED                | KEY SWITCH "ACC" POSITION                            |
| 3            | 13   | RED                | ST 87 IGNITION TERMINALS                             |
| 4            | 502  | BROWN              | POWER FROM TURN STAT 502 TO 507                      |
| 5            | 104  | WHITE              | TO RELAY #8-30                                       |
| 14           | 059  | BLACK              | TO CLUTCH SWITCH N.O. BACK TO 15(5)                  |
| 15           | 0015 | RED                | TO SMX SWITCH-COM-N.O. ON SMX RED 15 TO SV4 SOLENOID |
| 18           | 522  | BROWN              | RIGHT TURN SIGNAL - BROWN 54 ON MACHINE 512 TO 522   |
| 20           | 523  | BROWN              | LEFT TURN SIGNAL - YELLOW 53 ON MACHINE 513 TO 523   |

**GAUGE PANEL**

|     |                                           |                              |
|-----|-------------------------------------------|------------------------------|
| 1   | OIL PRESSURE GAUGE                        | PURPLE 705 TO ORANGE/RED 14  |
| 2   | GROUND                                    | BLACK TO CAB GROUND          |
| 3   | INTERNAL LAMPS                            | BROWN 526 PRE 1998-503-1998  |
| 4   | IGNITION & BATTERY                        | RED 21 TO FUSE #7            |
| 5   | TEMP GAUGE                                | GREEN 617 TO ORANGE 4        |
| 6   | FUEL GAUGE                                | BLUE 652 TO WHITE 58         |
| 7   |                                           |                              |
| 8   |                                           |                              |
| *9  | WATER TEMP LIGHT                          | BLUE 653 TO ORANGE/BLACK 9   |
| *10 | OIL PRESSURE LIGHT                        | ORANGE 924 TO ORANGE/BLUE 19 |
|     |                                           |                              |
| *9  | TO BZ6562 BLUE 653 SENDER LIGHT - 12VDC   | RED 21                       |
|     |                                           |                              |
| *10 | TO BZ6562 ORANGE 924 SENDER LIGHT - 12VDC | RED 21                       |

# 25-CONDUCTOR CABLE

#2109

DELANOY 4RSPHWAR W/ HOLDING TANK

9-9-01

|      |    |        |                                       |        |
|------|----|--------|---------------------------------------|--------|
| BLK  | 1  |        | 4X4 TO RELAY                          | PANEL  |
|      | 12 | RED    | 2-SPEED TO CAB                        | 13 (2) |
|      | 17 | BLUE   | BRAKE TO BRAKE SOLENOID               | 9 (1)  |
|      | 22 | ORANGE | RIGHT SIDE CONVEYOR SOLENOID          | 24 (2) |
| RED  | 2  |        | START RELAY TO START SOLENOID         | PANEL  |
|      | 7  | BLACK  | TACH SENSOR TO CAB                    | 5 (2)  |
|      | 18 | BLUE   | TACH SENSOR TO GROUND                 | PANEL  |
|      | 23 | ORANGE | HYDRAULIC OIL TEMP SENSOR TO CAB      | 4 (2)  |
| BLUE | 3  |        | GRD DRIVE FILTER #3 to CAB            | 21 (2) |
|      | 8  | BLACK  | GRD DRIVE FILTER #1 to PANEL #4 C.B.  | PANEL  |
|      | 13 | RED    | ST87 IGN SIDE to FUEL SHUTOFF SOL     | PANEL  |
|      | 24 | ORANGE | A/C PLUG (ORANGE 914) TO A/C CLUTCH   |        |
| ORN  | 4  |        | WATER TEMP SENDER TO GAUGE            | 13 (3) |
|      | 9  | BLACK  | WATER TEMP SENSOR TO LIGHT            | 12 (3) |
|      | 14 | RED    | ENGINE OIL PRESS SENDER to GAUGE      | 3 (3)  |
|      | 19 | BLUE   | ENGINE OIL PRESS SENSOR to LIGHT      | 9 (3)  |
| YEL  | 5  |        | LOWER SEC. SWITCH TO SOLENOID         | 16 (2) |
|      | 10 | BLACK  |                                       |        |
|      | 15 | RED    |                                       |        |
|      | 20 | BLUE   | HYD OIL LEVEL SENSOR to CAB           | 22 (2) |
|      | 25 | ORANGE | HYD OIL LEVEL SENSOR to PANEL #4 C.B. | PANEL  |
| BRN  | 6  |        | BACK-UP LIGHTS                        | PANEL  |
|      | 11 | BLACK  | PRIMARY CONVEYOR SOL                  | 15 (2) |
|      | 16 | RED    | CROSS CONVEYOR SWITCH TO SOLENOID     | 17 (2) |
|      | 21 | BLUE   | VINE BELT SOLENOID                    | 14(2)  |

DTS-0373B

|   |       |
|---|-------|
| 1 | 12VDC |
| 2 | GRND. |

TEMPERATURE SWITCH

|   |       |
|---|-------|
| 1 | 12VDC |
| 2 | N.C.  |
| 3 | N.O.  |

DTS-0198C

|   |        |
|---|--------|
| 1 | 12 VDC |
| 2 | GRND.  |

BRAKE PRESS SWT.

|   |       |
|---|-------|
| 1 | 12VDC |
| 3 | N.O.  |

FAIREY FILTER

|   |       |
|---|-------|
| 1 | 12VDC |
| 2 | N.C.  |
| 3 | N.O.  |

DTS-0150C

0-2-SPD 0-4X4

0-BRAKE 0-4X4

GREEN 607  
RED CB 4  
GREEN

DTS-0160

INPUT  
12 VDC  
GROUND

BLACK  
BROWN  
BLUE

## 4RSPHVAR

## Track Drive Electronics

## PLUG 1

|    |        |          |                      |       |         |    |
|----|--------|----------|----------------------|-------|---------|----|
| 1  |        |          |                      |       |         |    |
| 2  |        |          |                      |       |         |    |
| 3  |        |          |                      |       |         |    |
| 4  |        |          |                      |       |         |    |
| 5  |        |          |                      |       |         |    |
| 6  |        |          |                      |       |         |    |
| 7  |        |          |                      |       |         |    |
| 8  | Red    | 280 (P)  | Real Time Clock      | C1:7  | MD3     | 4  |
| 9  | Black  | 15 (P)   | -BAT                 | C1:15 | XA2 (1) | 28 |
| 10 | Red    | 28 (P)   | +BAT                 | C1:28 | XA2     | 41 |
| 11 | Brown  | 1115 (P) | Panel Junction Block | C1:30 | XA2     | 44 |
| 12 | Purple | 1115 (P) | Panel Junction Block | C1:31 | XA2 44  | 45 |

## PLUG 2

|    |       |    |                                                |       |         |    |
|----|-------|----|------------------------------------------------|-------|---------|----|
| 1  | Red   | 8  | Speed Sensor +BAT Pin 1 (Brown)                | C1:28 | XA2 (1) | 43 |
| 2  | Black | 8  | Speed Sensor S2 Pin 2 (Black)                  | C1:38 | XA2 (1) | 48 |
| 3  | Green | 8  | Speed Sensor GND Pin 4 (Blue)                  | C1:15 | XA2 (1) | 30 |
| 4  | Clear | 8  | Speed Sensor GND Pin 5 (Transparent)           | C1:15 | XA2 (1) | 31 |
| 5  | Black | 9  | Motor Displacement Control Pin 1               | C1:19 | XA2 (1) | 35 |
| 6  | Clear | 9  | Motor Displacement Control Pin 2               | C1:5  | XA2 (1) | 22 |
| 7  | Black | 11 | Motor Control Pressure Transducer Signal Pin 1 | C2:1  | MD3     | 8  |
| 8  | Red   | 11 | Motor Control Pressure Transducer +VREF Pin 2  | C 2:8 | MD3     | 17 |
| 9  | White | 11 | Motor Control Pressure Transducer -VREF Pin 3  | C2:5  | MD3     | 14 |
| 10 |       |    |                                                |       |         |    |
| 11 |       |    |                                                |       |         |    |
| 12 |       |    |                                                |       |         |    |

## PLUG 3

|    |       |   |                                  |         |       |         |    |
|----|-------|---|----------------------------------|---------|-------|---------|----|
| 1  | Green | 3 | Ground Drive Pump Coil Y2 Pin A  | Forward | C1:6  | XA2 (1) | 23 |
| 2  | Red   | 3 | Ground Drive Pump Coil Y2 Pin B  | Forward | C1:34 | XA2 (1) | 36 |
| 3  | Black | 3 | Ground Drive Pump Coil Y1 Pin A  | Reverse | C1:6  | XA2 (1) | 23 |
| 4  | White | 3 | Ground Drive Pump Coil Y1 Pin B  | Reverse | C1:34 | XA2 (1) | 47 |
| 5  | Red   | 4 | Charge Filter Sensor 12Vdc Pin 1 |         | C1:28 | XA2 (1) | 43 |
| 6  | Clear | 4 | Charge Filter Sensor N.O. Pin 3  |         | C1:17 | XA2 (1) | 33 |
| 7  | Black | 4 | Charge Filter Sensor GND Pin GND |         | C1:15 | XA2 (1) | 30 |
| 8  |       |   |                                  |         |       |         |    |
| 9  |       |   |                                  |         |       |         |    |
| 10 |       |   |                                  |         |       |         |    |
| 11 |       |   |                                  |         |       |         |    |
| 12 |       |   |                                  |         |       |         |    |

**4RSPHWAR**  
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**PLUG 4**

|    |       |    |                                      |       |         |    |
|----|-------|----|--------------------------------------|-------|---------|----|
| 1  | Red   | 5  | Ground Drive Joystick -VBB Pin VS-   | C1:28 | XA2 (1) | 42 |
| 2  | Clear | 5  | Ground Drive Joystick GND Pin GND    | C1:15 | XA2 (1) | 31 |
| 3  | Black | 5  | Ground Drive Joystick Signal Pin SIG | C1:12 | XA2 (1) | 27 |
| 4  | Black | 7  | Port A Transducer Signal Pin 1       | C2:2  | MD3     | 9  |
| 5  | Red   | 7  | Port A Transducer +VREF Pin 2        | C2:8  | MD3     | 17 |
| 6  | White | 7  | Port A Transducer -VREF Pin 3        | C2:5  | MD3     | 13 |
| 7  | Black | 10 | Port B Transducer Signal Pin 1       | C2:3  | MD3     | 10 |
| 8  | Red   | 10 | Port B Transducer +VREF Pin 2        | C2:8  | MD3     | 17 |
| 9  | White | 10 | Port B Transducer -VREF Pin 3        | C2:5  | MD3     | 14 |
| 10 |       |    |                                      |       |         |    |
| 11 |       |    |                                      |       |         |    |
| 12 |       |    |                                      |       |         |    |

**PLUG 5**

|    |       |         |                     |       |         |    |
|----|-------|---------|---------------------|-------|---------|----|
| 1  |       |         |                     |       |         |    |
| 2  |       |         |                     |       |         |    |
| 3  |       |         |                     |       |         |    |
| 4  |       |         |                     |       |         |    |
| 5  | Red   | 115     | Clutch Valve Pin #1 | C1:39 | MD3     | 49 |
| 6  | White | 371 (4) | System Error        | C1:9  | XA2 (1) | 24 |
| 7  | Black | 12 (2)  | Hi / Lo             | C1:16 | XA2 (1) | 32 |
| 8  | Black | 01 (2)  | 4X4 On /Off         | C1:21 | XA2 (1) | 37 |
| 9  | Black | 001 (P) | 4X4 / XA2 Relays    | C1:23 | XA2 (1) | 38 |
| 10 |       |         |                     |       |         |    |
| 11 |       |         |                     |       |         |    |
| 12 | Red   | 15      | XM - Pin 3 - N.O.   | C1:39 | XA2 (1) | 49 |

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**PLUG 8** Cab Plug  
**PIN #**

|    |       |    |         |        |       |     |
|----|-------|----|---------|--------|-------|-----|
| 1  | Gray  | 1  | -BAT    | Plug 6 | C1:1  | MD3 |
| 2  | Gray  | 2  | CAN-A L | Plug 6 | C1:2  | MD3 |
| 3  |       |    |         |        |       |     |
| 4  | Gray  | 7  | +RTC    | Plug 6 | C1:7  | MD3 |
| 5  |       |    |         |        |       |     |
| 6  | Gray  | 11 | CAN-A H | Plug 6 | C1:11 | MD3 |
| 7  | Gray  | 12 | +BAT    | Plug 6 | C1:12 | MD3 |
| 8  | Black | 1  | VIN-A   | Plug 7 | C2:1  | MD3 |
| 9  | Black | 2  | VIN-B   | Plug 7 | C2:2  | MD3 |
| 10 | Black | 3  | VIN-C   | Plug 7 | C2:3  | MD3 |
| 11 |       |    |         |        |       |     |
| 12 | Black | 5  | -VREF   | Plug 7 | C2:5  | MD3 |
| 13 | Black | 6  | USB- D- | Plug 7 | C2:6  | MD3 |
| 14 | Black | 7  | USB- D+ | Plug 7 | C2:7  | MD3 |
| 15 | Black | 8  | +VREF   | Plug 7 | C2:8  | MD3 |
| 16 |       |    |         |        |       |     |

**PLUG 9** Cab Plug  
**PIN #**

|    |          |     |                                                 |                   |
|----|----------|-----|-------------------------------------------------|-------------------|
| 1  | Red      |     | XA2 To "+VBB" M115                              | XA2 / Belden 8770 |
| 2  | Clear    |     | XA2 To "GND" M115                               | XA2 / Belden 8770 |
| 3  | Black    |     | XA2 To "SIGNAL" M115                            | XA2 / Belden 8770 |
| 4  | Brown    | 115 | M115 "A FORWARD" Signal To Panel Junction Block |                   |
| 5  | Purple   | 115 | M115 "REVERSE" Signal To Panel Junction Block   |                   |
| 6  | Green    | 091 | CB2 To M115 Joystick Handle Switches            | Red               |
| 7  | NOT USED |     | M115 Trigger Switch                             | Violet            |
| 8  |          |     |                                                 |                   |
| 9  |          |     |                                                 |                   |
| 10 |          |     |                                                 |                   |
| 11 |          |     |                                                 |                   |
| 12 |          |     |                                                 |                   |
| 13 |          |     |                                                 |                   |
| 14 |          |     |                                                 |                   |
| 15 |          |     |                                                 |                   |
| 16 | White    | 371 | System Error To XA2 C1:9                        | XA2               |

# ADVANCED FARM EQUIPMENT

#2109 / 10177

Delanoy Farms

4RSPWAR

Updates

5/25/16

| 30A<br>15   | 30A<br>14   | 30A<br>13 | 30A<br>12  | 30A<br>11    | 20A<br>10   | 30A<br>9  | 30A<br>8    | 20A<br>7  | 30A<br>6 | 30A<br>5      | 20A<br>4  | 30A<br>3   | 30A<br>2   | 30A<br>1  |
|-------------|-------------|-----------|------------|--------------|-------------|-----------|-------------|-----------|----------|---------------|-----------|------------|------------|-----------|
| Left Rear   | Right Rear  | A/C       | Actuators  | Back-up /    | Fuel Pump   | Cab Field | Cab Overhd. | Cylinders | Wiper    | Master        | Brake     | Left       | Right Work | Haz. Stat |
| Light Relay | Light Relay |           | [ White    | Road Swt's.  | [ Red       | Lights    | [ Red       | [ Orange  | [ Red    | [ Yellow      | [ Black   | Work Light | Light      | [ Yellow  |
| [ Black (H) | [ Blue (H)  |           | [ 85 (1)   | [ Brown      | [ 081 (1)   | Relay     | [ 22 (3)    | [ 143 (2) | [ 18 (3) | [ 89 (1)      | [ 017 (1) | Switch     | Switch     | Turn Stat |
|             |             |           | [ 88 (1)   | Fuel Shutoff | [ Brown (H) | Auxiliary | 2-Speed     | Radio     |          | DTS-0160      | [ Orange  | [ Green    | [ Brown    |           |
|             |             |           | Back-up    | [ Blue       |             | Outlet    | [ Black     | [ Red     |          | [ Red         | [ 90 (1)  | [ 91 (1)   |            |           |
|             |             |           | Relay      | [ 13         |             | [ Black   | [ 0012 (1)  | [ 12 (3)  |          | Warning       |           | PQ - M115  |            |           |
|             |             |           | [ Brown    |              |             | [ 156 (3) | Gauge Panel |           |          | [ Grd. Drive  |           | [ Green    |            |           |
|             |             |           | Road Relay |              |             | MD3 / XA2 | [ Red       |           |          | [ Blue 8      |           | [ 091 (9)  |            |           |
|             |             |           | [ Purple   |              |             | [ Red     | [ 21 (4)    |           |          | [ Airhead Fan |           |            |            |           |
|             |             |           |            |              |             | [ 280     |             |           |          | [ Yellow 10   |           |            |            |           |
|             |             |           |            |              |             |           |             |           |          | [ Hyd.Level   |           |            |            |           |
|             |             |           |            |              |             |           |             |           |          | [ Yellow 25   |           |            |            |           |
|             |             |           |            |              |             |           |             |           |          | [ Cross XP    |           |            |            |           |
|             |             |           |            |              |             |           |             |           |          | [ Black 60    |           |            |            |           |

Hazard Stat

Turn Stat

[ CB1- Yellow

[ CB1- Brown

\_ Yellow 92 (1)

\_ Brown 502 (5)

[ Green 607 (2)

DTS-0160

Signal

Black ]

[ Yellow 25

[ CB4 - Red

12Vdc

Brown ]

[ Black 60

[ Black

Ground

Blue ]

R E L A Y S

|                      | 20A<br>20     | 30A<br>19   | 30 A<br>18  | 30 A<br>17  | 20 A<br>16 |
|----------------------|---------------|-------------|-------------|-------------|------------|
|                      | MD3 / XA2     | Left Front  | Right Front | Cab Road    | Foot Plate |
| 85 Ground            | [ Red         | Light Relay | Light Relay | Light Relay | [ Red      |
| 86                   | [ 28          | [ Black (H) | [ Blue (H)  | [ Brown (H) | [ 52 (1)   |
| 87                   | 4x4/XA2       |             |             |             |            |
| 30                   | Control Relay |             |             |             |            |
|                      |               |             |             |             |            |
| Back-up Lights       |               |             |             |             |            |
| Relay N.O.           |               |             |             |             |            |
| 85 Ground            |               |             |             |             |            |
| 86 Brown 06 (2)      |               |             |             |             |            |
| 87 CB11 - Brown      |               |             |             |             |            |
| 30 Brown 6           |               |             |             |             |            |
|                      |               |             |             |             |            |
| Road                 |               |             |             |             |            |
| Relay N.O.           |               |             |             |             |            |
| 85 Ground            |               |             |             |             |            |
| 86 Purple 094 (1)    |               |             |             |             |            |
| 87 CB11 - Purple     |               |             |             |             |            |
| 30 Purple 94         |               |             |             |             |            |
|                      |               |             |             |             |            |
| Cab Field Lights     |               |             |             |             |            |
| Relay N.O.           |               |             |             |             |            |
| 85 Grouynd           |               |             |             |             |            |
| 86 Brown 504 (3)     |               |             |             |             |            |
| 87 CB9 - Brown (H)   |               |             |             |             |            |
| 30 Brown (H) 507 (3) |               |             |             |             |            |
|                      |               |             |             |             |            |
| Cab Road Lights      |               |             |             |             |            |
| Relay N.O.           |               |             |             |             |            |
| 85 Ground            |               |             |             |             |            |
| 896 Brown 503 (3)    |               |             |             |             |            |
| 87 CB17 - Brown (H)  |               |             |             |             |            |
| 30 Brown (H) 526 (3) |               |             |             |             |            |

| QTY | PART NO.         | DESCRIPTION                                              |
|-----|------------------|----------------------------------------------------------|
| 1   | 2001-1043        | Parker Pressure Transducer 35Bar                         |
| 2   | 2001-1044        | Parker Pressure Transducer 500Bar                        |
| 1   | 2017-00041       | Needle Valve 1/4" W/Check                                |
| 1   | 2017-00122       | Pressure Compensated Needle Valve 3/4" W/Check           |
| 1   | 2017-07100       | Low Pressure Relief Valve                                |
| 1   | 2015-032         | Low Pressure Return Filter SAE O-Ring                    |
| 1   | 2015-060         | Electronic Filter Indicator                              |
| 1   | 2015-021         | High Pressure Filter W/Split Flange Ports                |
| 2   | NB6892-16-20     |                                                          |
| 2   | SFXK-20          |                                                          |
| 3   | 2001-0129        | 4 Pin Female Plug (Sensor Cable End)                     |
| 2   | 6400-12-20       |                                                          |
| 1   | 6602-12          |                                                          |
| 1   | 6804-12          |                                                          |
| 5   | 500454-12S       |                                                          |
| 2   | 2017-01009       | 1/4" SAE Stucchi Check Valve                             |
| 2   | 6402-06-04       |                                                          |
| 2   | 6400-06-04       |                                                          |
| 1   | 2017-10029       | Sol. Manifold Comp W/Cart&Coil ( 4 - Hole Clutch Valve ) |
| 6   | 6400-06-06       |                                                          |
| 5   | 500454-6S        |                                                          |
| 1   | GP-6504-06-06-04 | Test Point Fitting 3/8                                   |
| 3   | 6410-04-06       |                                                          |
| 1   | 2017-01002       | C1220-S-35                                               |
| 1   | 6403-NOW-12-12   |                                                          |
| 2   | 6400-08-12       |                                                          |
| 6   | 6400-12-12       |                                                          |
| 2   | 6402-12-12       |                                                          |
| 1   | OMC 1620-90      |                                                          |
| 1   | FT125            |                                                          |
| 1   | 2015-026         | Double Filter Head                                       |
| 1   | 019-30018        | Double Filter Head Mounting Bracket                      |
| 2   | 6400-16-16       |                                                          |
| 2   | NB6842-16-16     |                                                          |
| 2   | SFXK-16          |                                                          |
| 1   | ORF32-90         |                                                          |
| 2   | 2015-014         | Spin on Filter Element                                   |
| 1   | W43-32pk         |                                                          |
| 2   | BK432            | 2" 90 ST EL Black Pipe                                   |
| 2   | BK132            | 2" CLS Nipple Black Pipe                                 |
| 1   | BK832            | 2" Tee Black Pipe                                        |
| 1   | BK32032          | 1 1/4" x 2" Bushing                                      |
| 1   | BK32432          | 1 1/2" x 2" Bushing Black Pipe                           |
| 2   | HC125            | 1 1/4" Hose Clamp                                        |
| 5ft | 881-20           | 1 1/4" Suction Hose                                      |
| 1   | 39H3-16-16       |                                                          |

|      |            |                                                       |
|------|------------|-------------------------------------------------------|
| 1    | 41H3-16-16 |                                                       |
| 1    | 2017-03032 | 2" Ball Valve                                         |
| 2    | 2001-0278  | 2 Pin Plug                                            |
| 2    | 2001-0279  | Wedge Lock For 2 Pin Plug                             |
| 1    | 2001-0125  | 12 Pin Mounted Receptacle DT04-12PA-L012              |
| 1    | 2001-0276  | 12 Pin Plug                                           |
| 1    | 2001-0136  | Wedgelock                                             |
| 1    | 2001-0134  | Wedgelock                                             |
| 50ft | 2001-0230  | 20 AWG Twisted Shielded Pair                          |
| 50ft | 2001-0231  | 20 AWG 4 Conductor Cable                              |
| 15   | 2001-0078  | Wire End                                              |
| 15   | 2001-0080  | Wire End                                              |
|      |            |                                                       |
| *    |            | Customer is responsible for Hydraulic Hose Assembly's |

## GROUND DRIVE MODIFICATION 2017

| Quantity | uom  | AFE #       | Description                    |
|----------|------|-------------|--------------------------------|
| 1.000    | ea   | 014-30004-3 | Double TOC8 Mtg Plate          |
| 1.000    | ea   | 014-30037   | MD3 Display Mount 11 Ga B&B    |
| 2.000    | each | 023-40036   | Adapter MS50 - E600 Spndl Otpt |
| 2.000    | each | 2001-0040   | 16 Pin Electrical Plug         |
| 57.000   | each | 2001-0044   | 18-14 AWG Small Male Pin       |
| 40.000   | each | 2001-0045   | 18-14 AWG Small Female Pin     |
| 1.000    | each | 2001-0053   | Vishay-Dale Resistor RH25-10K  |
| 1.000    | ea   | 2001-0068   | 20 Amp Circuit Breaker         |
| 1.000    | each | 2001-0076   | Snap In Light                  |
| 135.000  | ft   | 2001-0077   | 14 AWG Wire Primary            |
| 54.000   | ea   | 2001-0107   | Contact Pin 16-18 AWG          |
| 71.000   | ea   | 2001-0108   | Contact Socket 16-18 AWG       |
| 1.000    | each | 2001-0109   | Harvester Enclosure            |
| 40.000   | each | 2001-0110   | Terminal Block Sctn 9080 GK6   |
| 157.000  | ft   | 2001-0113   | 18 AWG 4 Conductor - Shielded  |
| 28.000   | ea   | 2001-0123   | Contact Pin 14-16 AWG          |
| 25.000   | ea   | 2001-0124   | Contact Socket 14-16 AWG       |
| 5.000    | ea   | 2001-0125   | 12 Pin Mounted Receptacle      |
| 3.000    | ea   | 2001-0129   | 4 Pin Fml Plug (Snsr Cbl End)  |
| 5.000    | ea   | 2001-0134   | Wedgelock-W12P                 |
| 5.000    | ea   | 2001-0136   | Wedgelock-W12S                 |
| 1.000    | ea   | 2001-0137   | Wedgelock-W4S                  |
| 1.000    | ea   | 2001-0219   | IQAN Cable for TOC8            |
| 32.000   | ea   | 2001-0220   | Size 20 Stamped & Formed Pin   |
| 20.000   | ea   | 2001-0221   | Size 20 Stamped & Formed Sockt |
| 2.000    | ea   | 2001-0226   | Miniature Wedgelock            |
| 2.000    | each | 2001-0250   | Tyco SPST 40Amp Relay          |
| 26.000   | ft   | 2001-0256   | Expandable Sleeving 1/2" Black |
| 5.000    | ea   | 2001-0276   | 12 Pin Plug                    |
| 3.000    | ea   | 2001-0278   | 2 Pin Plug                     |
| 3.000    | ea   | 2001-0279   | Wedge Lock For 2 Pin Plug      |
| 18.000   | ft   | 2001-0305   | 16 AWG Wire GPT                |
| 12.000   | ea   | 2001-0323   | 16-14 AWG Male-Female Connectr |
| 2.000    | each | 2001-0368   | 16 Pin Electrical Plug         |
| 2.000    | each | 2001-0378   | Wire Stress Relief             |
| 0.830    | each | 2001-0388   | Trmnl Bck Mntng Chnl 36"Pc     |
| 6.000    | each | 2001-0389   | Terminal Block End Clamp       |

| Quantity | uom  | AFE #      | Description                     |
|----------|------|------------|---------------------------------|
| 30.000   | ea   | 2001-0495  | 16-14 AWG Female Spade          |
| 1.000    | ea   | 2001-0505  | Monitor For 2009 Lvlng System   |
| 1.000    | ea   | 2001-0506  | Slave Module For 2009 Lvlng Sys |
| 1.000    | ea   | 2001-0507  | MC2 Comm Cable                  |
| 2.000    | ea   | 2001-0534  | Metric Female Terminal          |
| 2.000    | ea   | 2001-0535  | AMP Male Tab                    |
| 3.000    | ea   | 2001-0544  | Terminal Block End Barrier      |
| 2.000    | ea   | 2001-0546  | Tyco SPDT 40Amp Relay N.O./N.C  |
| 1.000    | ea   | 2001-0588  | Universal Mate & Lock Plug      |
| 15.000   | ea   | 2001-0590  | Mate & Lock Pin                 |
| 2.000    | ea   | 2001-0592  | C1 Cable 2.5 Meter IQAN-MD3     |
| 2.000    | ea   | 2001-0593  | C2 Cable 2.5 Meters IQAN-MD3    |
| 12.000   | ft   | 2001-0751  | Belden 8770 3 Cond 18AWG        |
| 1.000    | ea   | 2001-0822  | 6 PIN PLUG                      |
| 1.000    | ea   | 2001-0823  | W6S - LOCKING WEDGE             |
| 1.000    | ea   | 2001-0824  | W6P - LOCKING WEDGE             |
| 1.000    | ea   | 2001-0825  | DT04-6P - 6 PIN RECEPTACLE      |
| 25.000   | ft   | 2001-0831  | 18AWG 2C Shielded Belden 8760   |
| 1.000    | ea   | 2001-1042  | TERM RESISTOR "1T"              |
| 1.000    | ea   | 2001-1043  | Parker Pressure Trnsdcr 35Bar   |
| 2.000    | ea   | 2001-1044  | Parker Pressure Trnsdcr 500Bar  |
| 1.000    | ea   | 2001-1048  | Flanged 12 Cavity Receptacle    |
| 1.000    | ea   | 2001-1049  | Flanged 12 Cavity Receptacle    |
| 1.000    | ea   | 2010-00221 | 136cc Parker Hydrostat          |
| 2.000    | ea   | 2011-03008 | V14 Parker Wheel Drive Motor    |
| 1.000    | ea   | 2013-0383  | SPEED SENSOR                    |
| 1.000    | ea   | 2015-072   | CHARGE PRESSURE FILTER          |
| 1.000    | ea   | 2015-073   | REPLACEMENT FILTER ELEMENT      |
| 1.000    | ea   | 2017-16004 | HYDRAULIC JOYSTICK              |
| 1.000    | ea   | 2017-16006 | PRPRTNL PRSSR RDCNG VLV         |
| 1.000    | each | 2021-11000 | 1000# Gg Btm Mt 2.5" Lqd Fld    |
| 1.000    | ea   | 2022-0376  | Joystick With Double Detent     |
| 1.000    | ea   | 2023-0110  | Shim Kit Pump Pad               |
| 1.000    | ea   | 2023-0133  | Wet "D" Pump Pad Kit            |
| 10.000   | gal  | 2023-0303  | Schaeffer #167 Moly Full        |
| 2.000    | ea   | 2023-0305  | Replaced by 2023-0324           |
| 14.000   | ea   | 2030-00002 | Single Engraved Label           |

| Quantity | uom  | AFE #          | Description                    |
|----------|------|----------------|--------------------------------|
| 1.000    | each | 2030-02073     | 90 Latch For Shields WJ96      |
| 0.500    | gal  | 2031-0010      | 3 5HG (Gloss Black) 33-24926SI |
| 0.500    | gal  | 2031-8501      | Corlar 2.1 Gray                |
| 1.000    | ea   | 2037-00518     | "B" Series 6" Arm RAM Mount    |
| 2.000    | ea   | 2037-00520     | "B"Srs 2-7/16"Rnd Bs RAM Mt    |
| 2.000    | ea   | 2406-04-06     | 1/4" FJIC To 3/8" MJIC         |
| 2.000    | each | 3800-06-06     | 6 JIC to 3/8"BSPP (MS5315x8x6) |
| 2.000    | each | 39H3-16-16     | 90 Deg. Tube Adapter 16x16     |
| 1.000    | each | 500454-16S     | 1" JIC 90 Sweep                |
| 2.000    | ea   | 6400-04-02     | 1/4" JIC x 1/8" Oring          |
| 2.000    | each | 6400-06-04     | 3/8" JIC x 1/4" Oring          |
| 2.000    | each | 6400-06-06     | 3/8" JIC x 3/8" Oring          |
| 2.000    | each | 6400-12-10     | 3/4" JIC x 5/8" Oring          |
| 4.000    | each | 6400-12-12     | 3/4" JIC x 3/4" Oring          |
| 1.000    | each | 6400-12-16     | 3/4" JIC x 1" Oring            |
| 1.000    | each | 6400-16-16     | 1" JIC x 1" Oring              |
| 2.000    | each | 6408-16        | 1" Oring Plug Hex Head         |
| 2.000    | each | 6802-20-16     | 1-1/4" JIC x 1" Oring 45       |
| 2.000    | each | 6892-20-20     | JIC to Flange Elbow 90         |
| 40.000   | ea   | BTHH 3/4x3F-8  | 3/4"-16 x 3" Gr 8 HHCS         |
| 32.000   | each | BTHH 7/8x3-8   | 7/8"-9 x 3" HHCS Grade8        |
| 2.000    | each | BTHN 1/4       | 1/4"-20 Hex Nut Gr 5 ZP        |
| 8.000    | each | BTHN 3/4       | 3/4"-10 Hex Nut                |
| 8.000    | each | BTLW 3/4       | 3/4" Lock Washer               |
| 2.000    | each | BTMS 1/4x1/2RH | 1/4-20x1/2" Phillips Machine S |
| 6.000    | each | BTMS 10-32x1/2 | 10-32x1/2" RH Phillips Mach Sc |
| 2.000    | ea   | BTMS 6-32x3/8  | 6-32x3/8" RH Phillips Mach Scr |
| 8.000    | ea   | BTSH 3/4x3 1/4 | 3/4"-10 x 3 1/4" SHCS          |
| 32.000   | each | BTSW 7/8       | 7/8 Internal Star Washer       |
| 126.000  | 1/4h | LEN-AFE        | AFE Labor 1/4 Hour             |
| 6.000    | ea   | NB6842-16-20   | 1" Male JIC x 1 1/4" Flange    |
| 2.000    | ea   | NB6847-20-20   | JIC to No Braze Flng Elbw 45°  |
| 2.000    | ea   | NB6892-16-20   | 1" Male JIC x 1 1/4" Flange    |
| 8.000    | ea   | SFXK-20-KIT    | 1 1/4" Split Flange            |

# SALES ORDER

## Advanced Farm Equipment LLC

5773 Crystal Road  
Vestaburg MI 48891  
(989) 268-5711

Sales Order Number 052594

Sales Order Date 07/23/18

Page 1

SOLD TO Glas Equipment Ltd.  
4506 46 Avenue  
Taber, AB T1G 2A4  
Canada

SHIP TO Border Storage  
Attn: Glas Equipment  
408 Oak St.  
Sweet Grass MT 59484

|              |            |             |               |
|--------------|------------|-------------|---------------|
| P.O. Number  |            | Terms       | Net 30        |
| Ship Via     | UPS - Blue | Salesperson | Greg Merrihew |
| Project Code | N/A        | Required    | 07/23/2018    |
| Ship Number  |            |             |               |

| ITEM       | ORDERED | SHIPPED | BO    | DESCRIPTION                                             | PRICE        | AMOUNT | TAX |
|------------|---------|---------|-------|---------------------------------------------------------|--------------|--------|-----|
| 2013-0416  | 1.000   | .000    | 1.000 | SAE "C" Pad Thru Drive Kit                              | 430.160 each | .00    |     |
| 2010-00239 | 1.000   | .000    | 1.000 | Parker C081 Electronic Pump<br>C081C1LAF208BBBP0HXXXXXX | 4,677.300 ea | .00    |     |
| 2010-00240 | 1.000   | .000    | 1.000 | 27CC Charge Pump                                        | 506.760 ea   | .00    |     |
| 2013-0442  | 2.000   | .000    | 2.000 | 450 Bar Port Relief                                     | 124.640 each | .00    |     |
| 2013-0443  | 1.000   | .000    | 1.000 | Manifold For Remote Chrg Fitr                           | 319.040 each | .00    |     |
| 2013-0444  | 1.000   | .000    | 1.000 | SAE B Thru Drive Kit-C081 Pump                          | 361.410 each | .00    |     |
| 019-30018  | 1.000   | 1.000   | .000  | Dbl Fitr Hd Mtg Brkt 1/4"Brn                            | 6.900 each   | 6.90   |     |
| 2001-1043  | 1.000   | 1.000   | .000  | Parker Pressure Trnsdcr 35Bar                           | 172.640 ea   | 172.64 |     |
| 2001-1044  | 1.000   | 1.000   | .000  | Parker Pressure Trnsdcr 500Bar                          | 172.640 ea   | 172.64 |     |
| 2015-014   | 2.000   | 2.000   | .000  | Spin on Filter Element                                  | 24.435 ea    | 48.87  |     |
| 2015-021   | 1.000   | 1.000   | .000  | High Pressure Filter                                    | 820.710 ea   | 820.71 |     |
| 2015-026   | 1.000   | 1.000   | .000  | Double Filter Head                                      | 93.520 ea    | 93.52  |     |
| 2015-032   | 1.000   | 1.000   | .000  | Low Pressure Return Filter<br>SAE O-Ring                | 336.720 ea   | 336.72 |     |
| 2015-060   | 1.000   | 1.000   | .000  | Electric Sensor                                         | 184.480 each | 184.48 |     |
| 2017-00041 | 1.000   | 1.000   | .000  | 1/4" Needle Valve w/Check                               | 31.530 each  | 31.53  |     |
| 2017-00122 | 1.000   | .000    | 1.000 | PC Needle Valve 3/4" W/Check                            | 522.080 each | .00    |     |
| 2017-01009 | 2.000   | 2.000   | .000  | 1/4" SAE Stucchi Check Valve                            | 13.180 each  | 26.36  |     |
| 2017-03032 | 1.000   | 1.000   | .000  | 2" Full Port Ball Valve                                 | 73.980 each  | 73.98  |     |

# SALES ORDER

## Advanced Farm Equipment LLC

5773 Crystal Road  
Vestaburg MI 48891  
(989) 268-5711

Sales Order Number 052594

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Page 2

SOLD Glas Equipment Ltd.  
TO 4506 46 Avenue  
Taber, AB T1G 2A4  
Canada

SHIP Border Storage  
TO Attn: Glas Equipment  
408 Oak St.  
Sweet Grass MT 59484

|              |            |             |               |
|--------------|------------|-------------|---------------|
| P.O. Number  |            | Terms       | Net 30        |
| Ship Via     | UPS - Blue | Salesperson | Greg Merrihew |
| Project Code | N/A        | Required    | 07/23/2018    |
| Ship Number  |            |             |               |

| ITEM          | ORDERED | SHIPPED | BO   | DESCRIPTION                                                | PRICE       | AMOUNT | TAX |
|---------------|---------|---------|------|------------------------------------------------------------|-------------|--------|-----|
| 2017-07100    | 1.000   | 1.000   | .000 | Low Pressure Relief Valve                                  | 60.730 each | 60.73  |     |
| 2017-10029    | 1.000   | 1.000   | .000 | DTS-6505-A Manifold Comp<br>Sol. Manifold Comp W/Cart&Coil | 123.010 ea  | 123.01 |     |
| 39H3-16-16    | 1.000   | 1.000   | .000 | 90 Deg. Tube Adapter 16x16                                 | 52.300 each | 52.30  |     |
| 41H3-16-16    | 1.000   | 1.000   | .000 | 1" Long High Pressure Sweep                                | 87.420 each | 87.42  |     |
| 6410-04-06    | 1.000   | 1.000   | .000 | 1/4"MI O'Ring x 3/8"Fml O'Ring                             | 3.980 ea    | 3.98   |     |
| FT-125        | 1.000   | 1.000   | .000 | 1 1/4" Hose Barb                                           | 4.510 each  | 4.51   |     |
| 6564-06-06-04 | 1.000   | 1.000   | .000 | Brennen 3/8"JIC Diag Tee                                   | 11.180 ea   | 11.18  |     |
| HC125         | 2.000   | 2.000   | .000 | 1-1/4" Zinga Hose Clamp                                    | 8.625 each  | 17.25  |     |
| NB6842-16-16  | 2.000   | 2.000   | .000 | 1" male JIC x 1" Flange                                    | 18.235 each | 36.47  |     |
| NB6892-16-20  | 2.000   | 2.000   | .000 | 1" Male JIC x 1 1/4" Flange                                | 28.165 ea   | 56.33  |     |
| OMC-1620-90   | 1.000   | 1.000   | .000 | 1" oring x 1 1/4" Suction fitt                             | 34.700 each | 34.70  |     |
| ORF-32-90     | 1.000   | 1.000   | .000 | 2" Suction w/ Flange                                       | 47.760 each | 47.76  |     |
| SFXK-16-KIT   | 2.000   | 2.000   | .000 | 1" Split Flange (Use w/ "F")                               | 9.395 each  | 18.79  |     |
| SFXK-20-KIT   | 2.000   | 2.000   | .000 | 1 1/4" Split Flange                                        | 20.500 ea   | 41.00  |     |
| W43-32-32U    | 1.000   | 1.000   | .000 | 2" NPT Flange Adapter                                      | 46.530 each | 46.53  |     |
| 019-30068     | 1.000   | 1.000   | .000 | InIn Filtr Rtrn Mt-Sngl 1/4"M B                            | 5.520 ea    | 5.52   |     |

|               |          |
|---------------|----------|
| Subtotal      | 2,615.83 |
| * Sales Tax   | .00      |
| Invoice Total | 2,615.83 |
| Payments      | .00      |
| Net Due       | 2,615.83 |