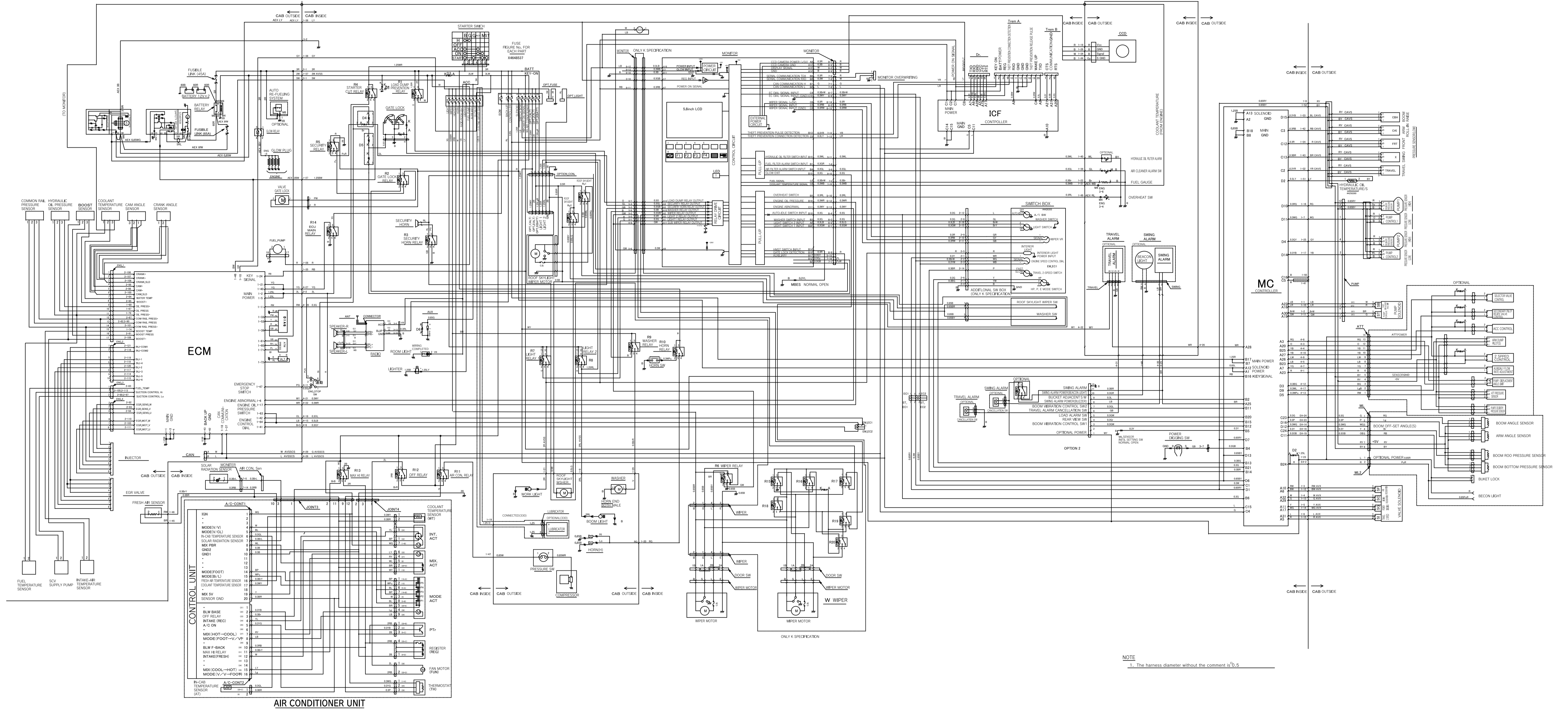


# ZAXIS200-3CLASS/240-3CLASS/270-3CLASS/330-3CLASS ELECTRICAL DIAGRAM

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

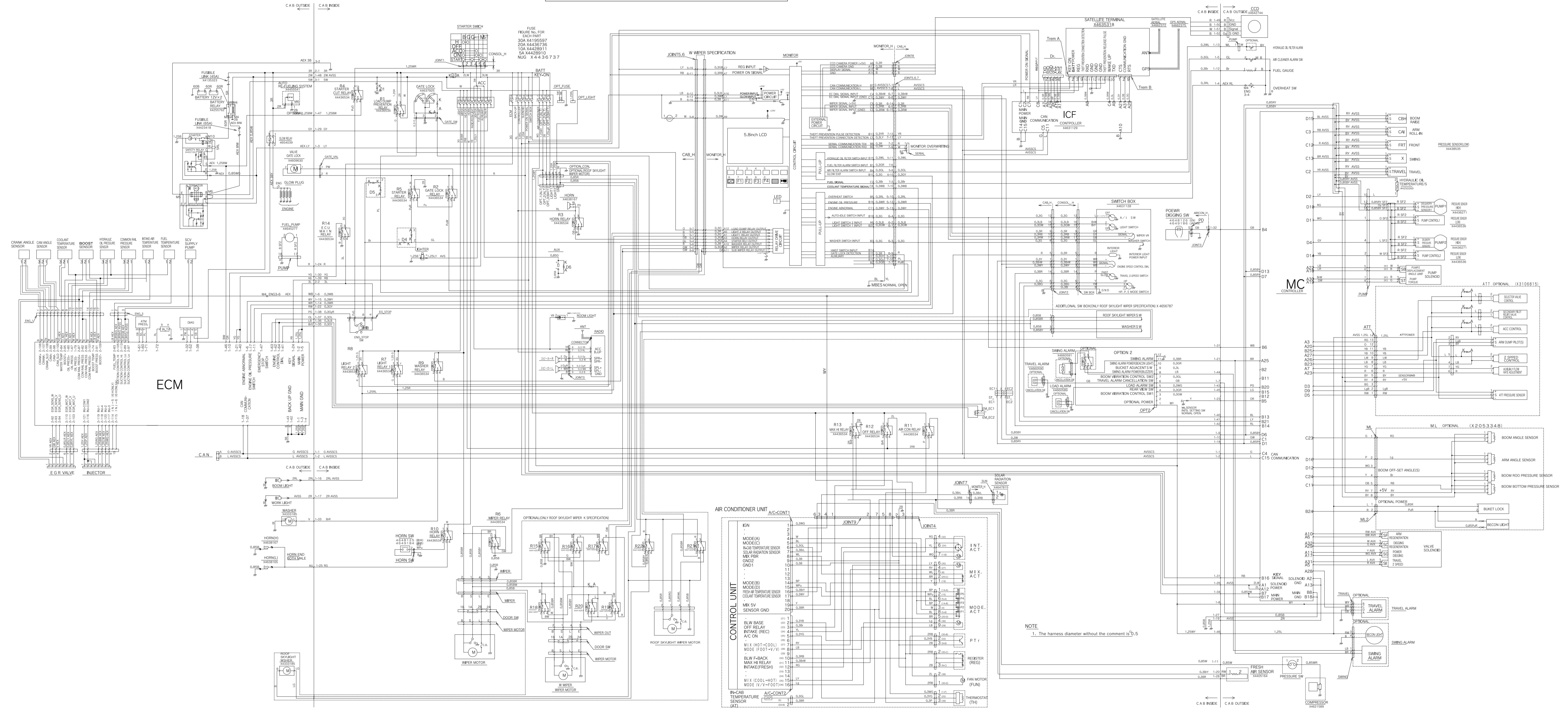


NOTE  
1. The harness diameter without the comment is 0.5

Attach to Part No. TT1V1-E-01

# ZAXIS225US-3 CLASS/225USR-3 CLASS ELECTRICAL DIAGRAM

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose.  
To order parts on the drawing, be sure to consult the Parts Catalog.



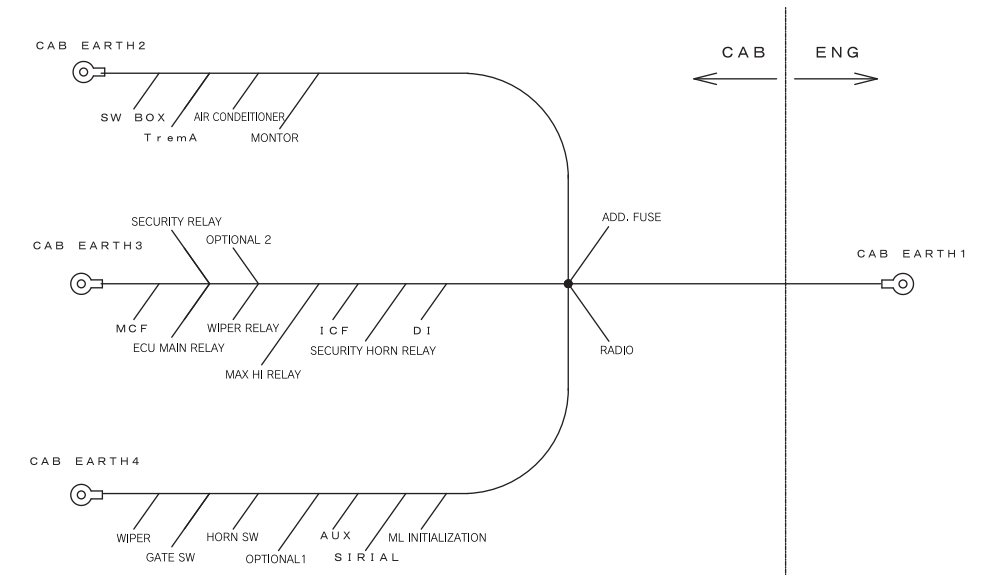
# ZAXIS200-3 CLASS/240-3 CLASS/270-3 CLASS/330-3 CLASS CONNECTORS

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose.  
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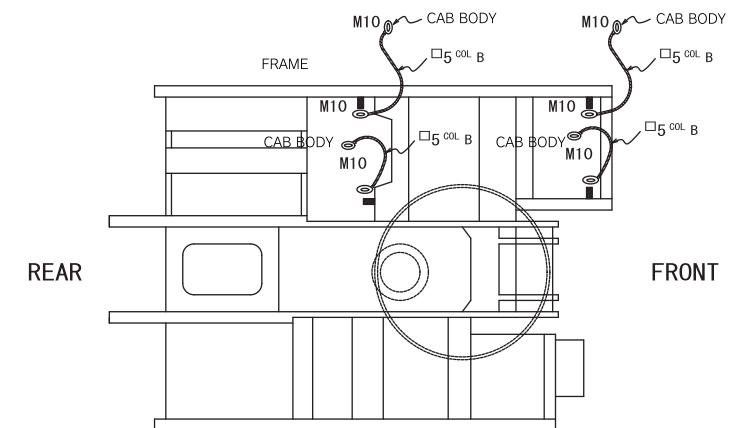
CONNECTOR - TERMINAL USAGE TABLE (HARNESS END CONNECTOR WITHOUT COMMENT)

| CAB OUTSIDE                              |  |   |                                   | CAB INSIDE  |   |                                     |  |                                  |   |   |   |  |  |  |  |
|--|--|---|-----------------------------------|---|---|-------------------------------------|--|----------------------------------|---|---|---|--|--|--|--|
| FUEL GAUGE<br>ML2<br>YAZAKI Z02F-GY      | FRESH AIR SENSOR<br>AMP ELL-1301RIVE<br>174352-2 | PREES. SENSOR(LOW)<br>YAZAKI RV03FB                                   | JA T<br>PAKKARD 1216219           | PRESSUR SWITCH<br>SUMMOTO 6189-0533<br>EQUVALENT GOODS  | ARM ANGLE SENSOR<br>BOOM ANGLE SENSOR<br>YAZAKI X03F-GY                     | WIPER<br>YAZAKI C04FW               | SPEAKER<br>SJD PH065-02010                   | ST_EC1<br>BUZZER<br>YAZAKI C02FW | EC2<br>EM ECT<br>SWING ALARM<br>YAZAKI C02MW            | DIODE<br>YAZAKI 7283-5028                     | MODE_ACT<br>YAZAKI 7119-3090                    | THERMOSTAT<br>YAZAKI 7323-8335         |  |  |  |
| GLOW RELAY<br>YAZAKI 7323-2228           | SOLENOID<br>YAZAKI 7323-3010                     | HYDRAULIC<br>OIL TEMPERATURE<br>SENSOR<br>JFCOZLP-GY<br>PB187-02326-G | FUEL_PUMP<br>YAZAKI 7233-1824-40  | COMPRESSOR<br>YAZAKI 7323-6214-40   | PRESSURE SENSOR<br>AMP 174357-2   | ENG/H_2<br>YAZAKI X02MB             | SERIAL<br>YAZAKI C03FW                       | Dr<br>YAZAKI 7323-2064           | BZ<br>SUMMOTO 6030-2981                                 | DIODE<br>YAZAKI 6030-0012                     | WATER TEMPERATURE<br>SENSOR<br>YAZAKI 7322-8326 | INT_ACT<br>MIX_ACT<br>YAZAKI 7119-3070 |  |  |  |
| WASHER<br>YAZAKI 7323-2228               | SWING ALARM<br>YAZAKI Z04F-GY                    | ATMOSPHERIC<br>PRESSURE<br>AMP-174357                                 | HORN<br>SET-IP (B)                | TRAVEL<br>YAZAKI Z04M-GY  | PRESS. SENSOR(HIGH)<br>ADD PUMP3<br>LOCK<br>AMP E J (0.070<br>3-POLE FEMALE | ENG/H_3<br>YAZAKI Y02MGV            | OPTIONAL<br>POWER<br>SOURCE<br>YAZAKI M06-FW | OPT_LIGHT<br>YAZAKI 7123-2815    | HORN_SW<br>AMP 174056-2                                 | SOLAR RADIATION<br>SENSOR<br>YAZAKI 7283-8629 | REGISTER<br>YAZAKI 7383-6154                    | AT<br>YAZAKI 7323-8326                 |  |  |  |
| AUTO LUB<br>CAB HARNESS2<br>YAZAKI X02FB | CAN<br>DT06-3S-CE05                              | F/LINK<br>YAZAKI 7322-4125-50   | ML<br>YAZAKI Z08F-GY              | ROTATION SENSOR<br>BOOM DUMPING<br>YAZAKI Z02F-GY   | JOINT1<br>SJD-DSD-06F-W   | JOINT4<br>YAZAKI M04-MW             | OPT_FUSE<br>YAZAKI L02FB                     | EG_STOP<br>YAZAKI C06FB          | AIR CONDITIONER<br>PRESSURE SWITCH<br>SUMMOTO 6189-0533 | FAN<br>YAZAKI 7323-2228                       | PTI<br>YAZAKI 7323-8040                         |  |  |  |  |
| CAB HARNESS_3<br>YAZAKI Y02FGY           | ATT<br>YAZAKI 7123-7544-40(SWP)                  | STARTER RELAY<br>PH065-03010<br>7323-3010                             | DIAG<br>YAZAKI Z06F-GY            | ALTERNATOR<br>(ENGINE OIL<br>PRESSURE SWITCH)<br>YAZAKI 7323-1424-40<br>YAZAKI X02FW (BR) (330) | BUCKET LOCK<br>YAZAKI Z02M-GY   | JOINT8<br>YAZAKI C04FW              | GATE_VAL<br>YAZAKI Z02FGY                    | GATE_SW<br>YAZAKI Z03FGY         | GENERAL RELAY<br>SUMMOTO 6096-1493 (SINGLE GOODS)       | RADIO<br>YAZAKI 7123-1402                     |   |  |  |  |  |
| ENG_3<br>SUMMOTO 6195-0021               | ENG_2<br>SUMMOTO 6195-0149                       | PUMP/H (ENG SIDE)<br>ENG_1<br>SUMMOTO 6195-0494                       | EC ANGLE SENSOR<br>YAZAKI Z03F-GY |   | MCF_A<br>AMP 179681-6   | MCF_C<br>AMP 179680-5               | JOINT5<br>YAZAKI C16FW                       | A/C_CONT1<br>AMP 179057-6        |   |   |   |  |  |  |  |
| ENG_5<br>YAZAKI 7222-4210-4<br>(Y01MGV)  | ENG_4<br>SUMMOTO 6195-0051                       |   |                                   |   | MCF_B<br>AMP 179679-6   | MCF_D<br>AMP 179678-6               | JOINT6<br>YAZAKI C16FB                       | A/C_CONT2<br>AMP 179054-6        |   |   |   |  |  |  |  |
| CAB HARNESS4<br>MITSUBISHI NMWP 32M-GY   | ECU_2<br>AMP CT-1473252-1                        |   |                                   |   | ENG/H_4<br>MITSUBISHI NMWP 32F-GY   | MONITOR C<br>AMP 174045-2           | JOINT7<br>YAZAKI C16FBR                      | OPT2<br>YAZAKI C12FW             |   |   |   |  |  |  |  |
| CAB HARNESS1<br>YAZAKI 7183-5055-40      | ECU_1<br>AMP CT-1473244-1                        |   |                                   |   | ENG/H_1<br>YAZAKI 7283-5055-40  | Trem_A<br>MONITOR B<br>AMP 175967-2 | JOINT2<br>YAZAKI C16MW                       | ICF_C<br>AMP 353027-1            |   |   |   |  |  |  |  |
|  |  |   |                                   |   |   | Trem_B<br>MONITOR A<br>AMP 175966-2 | JOINT3<br>YAZAKI C16MB                       | ICF_A<br>AMP 353031-1            |   |   |   |  |  |  |  |

DETAIL 1



DETAIL 2



**NOTE**

- Systematize the HARNESS GND LINE into two groups of the electric power lines and the control system lines.  
Caulk both line ends with M8 round hole terminals. Then, connect both lines to the S-reinforcement plate. (See detailed figure-1)
- Provide the separate ground line connecting the S-reinforcement plate, cab, and frame with a 5 mm-diameter wire. (See detailed figure-2)
- Use 0.5 mm-diameter wire harnesses unless specified.
- Before placing an order for a part by means of the drawing No., make sure the drawing update version, and its applicable machine models by referring to the Parts Catalog

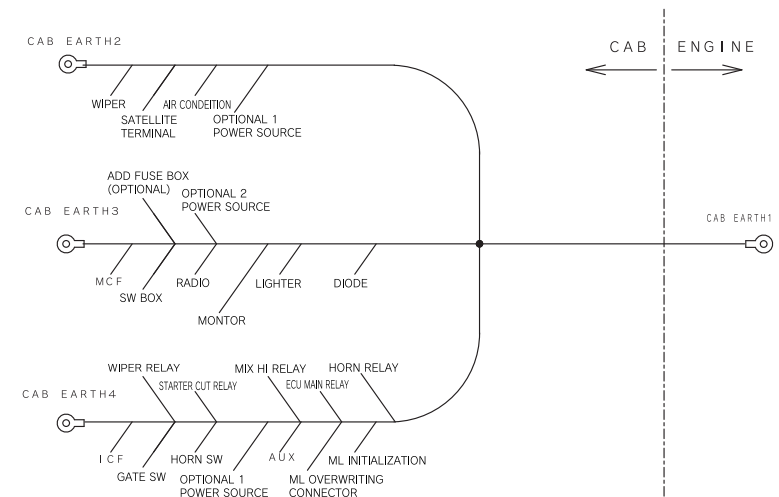
# ZAXIS225US-3 CLASS/225USR-3 CLASS CONNECTORS

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

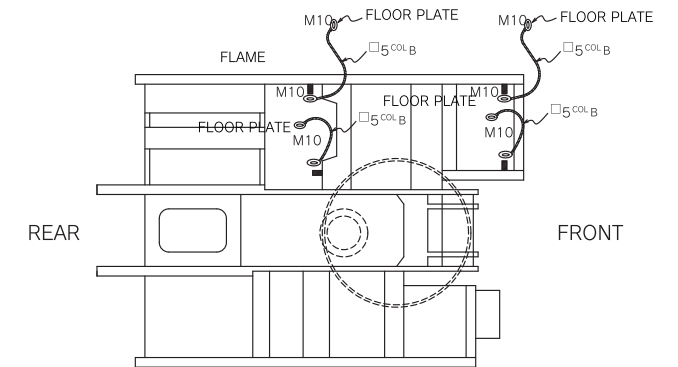
CONNECTOR - TERMINAL USAGE TABLE (HARNESS END CONNECTOR WITHOUT COMMENT)

| CAB OUTSIDE                               |   |  |                                  |   |   | CAB INSIDE               |  |  |   |  |  |                        |
|---|---|--|----------------------------------|---|---|--------------------------|--|--|---|--|--|------------------------|
| FUEL GAUGE<br>ML2<br>YAZAKI Z02F-GY       | FRESH AIR SENSOR<br>AMP E J III 2-POLE FEMALE<br>174352-2 | PREES. SENSOR (LOW)<br>YAZAKI RV03FB                             | IA T<br>PAKKARD 12162197         | PRESSUER SWITCH<br>SUMIMOTO 6189-0533<br>EQUIVALENT GOODS               | ARM ANGLE SENSOR<br>BOOM ANGLE SENSOR<br>YAZAKI X03F-GY                       | WIPER<br>YAZAKI C04FW    | SPEAKER<br>SJD PH065-02010             | ST EC1<br>WVES<br>BUZZER<br>EC2<br>EM EC1<br>SWING ALARM<br>YAZAKI C02FW | ST EC2<br>EC1<br>EM EC1<br>YAZAKI C02MW | MODE ACT<br>YAZAKI 7119-3090                       | THERMOSTAT<br>YAZAKI 7323-8335         |                        |
| GLOW RELAY<br>YAZAKI 7323-222B            | SOLENOID<br>SUMITOMO 6189-0031                            | HYDRAULIC OIL TEMPERATURE SENSOR<br>JFC02LP-GY<br>PB187-02326-G  | FUEL_PUMP<br>YAZAKI 7223-1824-40 | COMPRESSOR<br>YAZAKI 7323-6214-40                                       | PRESS. SENSOR<br>AMP 174357-2   | ENG/H_2<br>YAZAKI X02MB  | SERIAL<br>YAZAKI C03FW                 | Dr<br>YAZAKI 7323-2064   | BZ<br>SUMITOMO 6030-2981                | DIODE<br>YAZAKI 6098-0022                          | INT ACT<br>MIX ACT<br>YAZAKI 7119-3070 |                        |
| WASHER<br>YAZAKI 7323-222B                | SWING ALARM<br>YAZAKI Z04F-GY                             | ATMOSPHERIC PRESSURE<br>AMP-174357                               | HORN<br>SET-IP(B)                | TRAVEL<br>YAZAKI Z04M-GY  | PRESS. SENSOR (HIGH)<br>ADD PUMP3<br>LOOK<br>AMP E J III 070<br>3-POLE FEMALE | ENG/H_3<br>YAZAKI Y02MGY | OPTIONAL POWER SOURCE<br>YAZAKI M06-FW | OPT_LIGHT<br>YAZAKI 7123-2815  | HORN_SW<br>AMP 174056-2                 | SOLAR RADIATION SENSOR<br>YAZAKI 7283-8629         | REGISTER<br>YAZAKI 7383-6154           | AT<br>YAZAKI 7323-8326 |
| AUTO LUB.<br>CAB HARNESS2<br>YAZAKI X02FB | CAN<br>DT06-3S-CE05                                       | F/LINK<br>YAZAKI 7322-4125-50 (65A)<br>YAZAKI 7322-4123-30 (45A) | ML<br>YAZAKI Z08F-GY             | ROTATION SENSOR<br>BOOM DUMPING<br>YAZAKI Z02F-GY                       | JOINT1<br>SID-DSD-06F-W   | JOINT4<br>YAZAKI M04-MW  | OPT_FUSE<br>YAZAKI L02FB               | EG_STOP<br>YAZAKI C06FB  | LIGHTER<br>YAZAKI M02FW                 | FAN<br>YAZAKI 7323-222B                            | PTr<br>YAZAKI 7323-6040                |                        |
| CAB HARNESS 3<br>YAZAKI Y02FGY            | ATT<br>YAZAKI 7123-7544-40(SWP)                           | STARTER RELAY<br>PH065-030107323-3010                            | DIAG<br>YAZAKI Z06F-GY           | ALTERNATOR (ENGINE OIL PRESSURE SWITCH)<br>(L R)<br>YAZAKI 7323-1424-40 | BUCKET LOCK<br>YAZAKI Z02M-GY   | JOINT8<br>YAZAKI C04FW   | JOINT9<br>YAZAKI C08MW                 | GATE_VAL<br>YAZAKI Z02FGY  | GATE_SW<br>YAZAKI Z03FGY                | GENERAL RELAY<br>SUMITOMO 6098-1493 (SINGLE GOODS) | RADIO<br>YAZAKI 7123-1402              |                        |
| ENG_3<br>SUMITOMO 6195-0021               | ENG_2<br>SUMITOMO 6195-0149                               | MCF_A<br>AMP 179681-6  | MCF_C<br>AMP 179680-5            | JOINT5<br>YAZAKI C16FW  | A/C_CONT1<br>AMP 179057-6   |                          |  |  |   |  |  |                        |
| ENG_5<br>YAZAKI 7222-4310-40 (Y01MGY)     | ENG_4<br>SUMITOMO 6195-0051                               | MCF_B<br>AMP 179679-6  | MCF_D<br>AMP 179678-6            | JOINT6<br>YAZAKI C16FB  | A/C_CONT2<br>AMP 179054-6   |                          |  |  |   |  |  |                        |
| CAB HARNESS4<br>MITSUBISHI NMWP32M-GY     | ECU_2<br>AMP CT-1473252-1                                 | PUMP/H (E N G SIDE)<br>ENG 1<br>SUMITOMO 6188-0494               | ENG/H_4<br>MITSUBISHI NMWP32F-GY | MONITOR C<br>AMP 174045-2   | JOINT7<br>YAZAKI C16FBR   | OPT2<br>YAZAKI C12FW     |  |  |   |  |  |                        |
| CAB HARNESS1<br>YAZAKI 7183-5055-40       | ECU_1<br>AMP CT-1473244-1                                 |  | ENG/H_1<br>YAZAKI 7283-5055-40   | Trem_A<br>MONITOR B<br>AMP 175967-2                                     | JOINT2<br>YAZAKI C16MW  | ICF_C<br>AMP 353027-1    |  |  |   |  |  |                        |
|   |   |  |                                  | Trem_B<br>MONITOR A<br>AMP 175966-2                                     | JOINT3<br>YAZAKI C10FW  | ICF_A<br>AMP 353031-1    |  |  |   |  |  |                        |

DETAIL 1



DETAIL 2



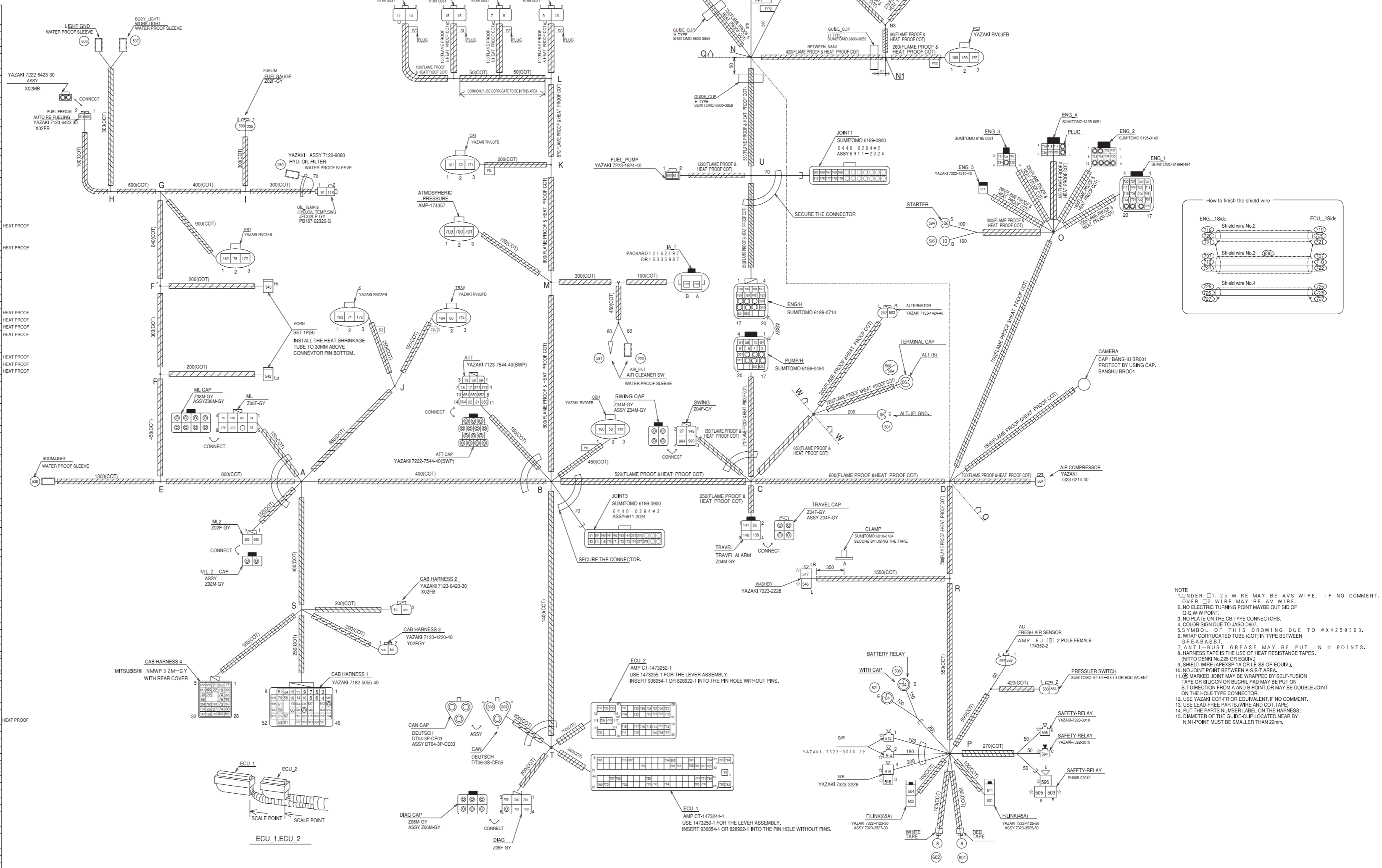
**NOTE**

1. Systematize the HARNESS GND LINE into two groups of the electric power lines and the control system lines. Caulk both line ends with M8 round hole terminals. Then, connect both lines to the S-reinforcement plate. (See detailed figure-1)
2. Provide the separate ground line connecting the S-reinforcement plate, cab, and frame with a 5 mm-diameter wire. (See detailed figure-2)
3. Use 0.5 mm-diameter wire harnesses unless specified.
4. Before placing an order for a part by means of the drawing No., make sure the drawing update version, and its applicable machine models by referring to the Parts Catalog

# ZAXIS200-3 CLASS ENGINE HARNESS 1

▲CAUTION: Parts numbers on the drawing are provided only for reference purpose.  
To order parts on the drawing, be sure to consult the Parts Catalog.

| NO. | SIZE | COLOR | CIRCUIT FROM | TO               | COMMENT     |
|-----|------|-------|--------------|------------------|-------------|
| 3   | 0.5  | L-B   | CABH-1-1     | PUMPH-6          |             |
| 4   | 0.5  | L-R   | CABH-1-10    | PUMPH-6          |             |
| 5   | 0.5  | B-W   | CABH-1-2     | PUMPH-7          |             |
| 6   | 0.5  | G-W   | CABH-1-11    | PUMPH-8          |             |
| 7   | 0.5  | R-W   | CABH-1-3     | SF-1             | AVX         |
| 8   | 0.5  | B-W   | CABH-1-12    | SF-2             | AVX         |
| 9   | 0.5  | W     | CABH-1-4     | SC-1             | AVX         |
| 10  | 0.5  | G     | CABH-1-13    | SC-2             | AVX         |
| 11  | 0.5  | Y     | CABH-1-5     | SG-1             | AVX         |
| 14  | 0.5  | W-G   | CABH-1-14    | SG-2             | AVX         |
| 15  | 0.5  | L     | CABH-1-6     | SH-1             | AVX         |
| 16  | 0.5  | R     | CABH-1-15    | SH-2             | AVX         |
| 17  | 0.5  | R     | CABH-4-1     | ATT-6            |             |
| 19  | 0.5  | Y-G   | CABH-4-7     | ATT-7            |             |
| 21  | 0.5  | O     | CABH-4-3     | ATT-12           |             |
| 22  | 0.5  | R-G   | CABH-4-8     | ATT-13           |             |
| 26  | 0.5  | W-R   | CABH-4-26    | TRAVEL-2         |             |
| 27  | 0.5  | B-R   | CABH-4-25    | SWING ALARM-1    |             |
| 51  | 0.5  | RY    | CABH-1-8     | JOINT3           |             |
| 53  | 0.5  | BY    | CABH-1-52    | JOINT3           |             |
| 58  | 0.5  | R-G   | CABH-1-16    | PUMPH-3          |             |
| 59  | 0.5  | B-L   | CABH-1-33    | CBH-2            | CAVS        |
| 60  | 0.5  | Y-R   | CABH-1-32    | TRAV-2           | CAVS        |
| 61  | 0.5  | G-F   | CABH-1-25    | PUMPH-4          |             |
| 62  | 0.5  | R-B   | CABH-1-42    | CAM-2            |             |
| 64  | 0.5  | W-G   | CABH-1-7     | PUMPH-1          |             |
| 66  | 0.5  | L-B   | CABH-4-17    | ATT-2            |             |
| 69  | 0.5  | R-W   | CABH-4-13    | ATT-1            |             |
| 70  | 0.5  | Y-B   | CABH-1-17    | PUMPH-2          |             |
| 71  | 0.5  | B-R   | CABH-1-43    | X-2              | CAVS        |
| 72  | 0.5  | B-G   | CABH-4-12    | ATT-3            |             |
| 73  | 0.5  | Q-B   | CABH-4-19    | ML-5             |             |
| 74  | 0.5  | G     | CABH-4-24    | ML-1             |             |
| 76  | 0.5  | Y     | CABH-4-16    | ML-4             |             |
| 78  | 0.5  | R     | CABH-4-24    | FRT-2            | CAVS        |
| 80  | 0.5  | P     | CABH-4-23    | ML-2             |             |
| 81  | 0.5  | L-Y   | CABH-1-51    | OIL-TEMP-S-1     |             |
| 100 | 0.5  | W-G   | CABH-4-14    | ML-3             |             |
| 118 | 0.5  | G-B   | JOINT3       | OIL-TEMP-S-2     |             |
| 138 | 0.5  | G-F   | CABH-4-31    | TRAVEL-4         |             |
| 140 | 0.5  | B     | TRAVEL-3     | (COT)            |             |
| 141 | 0.5  | W-Y   | CABH-4-32    | TRAVEL-1         |             |
| 149 | 0.5  | L-B   | CABH-4-30    | SWING ALARM-1    |             |
| 160 | 0.5  | RY    | JOINT3       | CAB-1            | CAVS        |
| 161 | 0.5  | RY    | JOINT3       | CAB-1            | CAVS        |
| 162 | 0.5  | RY    | JOINT3       | FRT-1            | CAVS        |
| 163 | 0.5  | RY    | JOINT3       | FRT-2            | CAVS        |
| 164 | 0.5  | RY    | JOINT3       | TRAV-1           | CAVS        |
| 166 | 0.5  | R     | PIS-P1-1     | JOINT1           | OR-1 ORSF-2 |
| 167 | 0.5  | R     | PIS-P2-1     | JOINT1           | OR-1 ORSF-2 |
| 168 | 0.5  | R     | PC-1         | JOINT1           | OR-1 ORSF-2 |
| 169 | 0.5  | R     | PC-2         | JOINT1           | OR-1 ORSF-2 |
| 170 | 0.5  | BY    | JOINT3       | CBH-3            | CAVS        |
| 171 | 0.5  | BY    | JOINT3       | CAB-3            | CAVS        |
| 172 | 0.5  | BY    | JOINT3       | FRT-3            | CAVS        |
| 173 | 0.5  | BY    | JOINT3       | X-3              | CAVS        |
| 174 | 0.5  | BY    | JOINT3       | TRAV-3           | CAVS        |
| 176 | 0.5  | B     | PIS-P1-3     | JOINT1           | OR-1 ORSF-2 |
| 177 | 0.5  | B     | PIS-P2-3     | JOINT1           | OR-1 ORSF-2 |
| 178 | 0.5  | B     | PC-3         | JOINT1           | OR-1 ORSF-2 |
| 179 | 0.5  | B     | PC-3         | JOINT1           | OR-1 ORSF-2 |
| 180 | 0.5  | W     | ENH-5        | OR-1 ORSF-2      |             |
| 181 | 0.5  | R     | SB-2         | ENH-6            | OR-1 ORSF-2 |
| 182 | 0.5  | B-R   | ST-1         | ENH-8            | OR-1 ORSF-2 |
| 183 | 0.5  | G     | SP-2         | ENH-9            | OR-1 ORSF-2 |
| 186 | 0.5  | G     | PIS-P1-2     | ENH-3            | OR-1 ORSF-2 |
| 187 | 0.5  | L     | PIS-P2-2     | ENH-4            | OR-1 ORSF-2 |
| 188 | 0.5  | O     | PC-1-2       | ENH-1            | OR-1 ORSF-2 |
| 189 | 0.5  | W-L   | PC-2-2       | ENH-2            | OR-1 ORSF-2 |
| 202 | 0.5  | L-Y   | CABH-1-36    | ALT-L            | AEX         |
| 222 | 0.5  | R-L   | CABH-1-49    | ENG-3-4          | AEX         |
| 223 | 0.5  | G-L   | CABH-1-39    | AMB.FLT.F        | AEX         |
| 234 | 0.5  | W-B   | CABH-1-31    | ENG-3-B          | AEX         |
| 235 | 0.5  | SP    | CABH-1-22    | FUEL-M1          | AVX         |
| 250 | 0.5  | W-L   | CABH-1-40    | HYD.OIL.FILTER   | AVX         |
| 254 | 0.5  | W-R   | CABH-4-22    | ECU-1-17         |             |
| 270 | 0.5  | RY    | JOINT3       | ML-7             |             |
| 272 | 0.5  | RY    | JOINT3       | ATT-4            |             |
| 275 | 0.5  | BY    | JOINT3       | ML-8             |             |
| 277 | 0.5  | BY    | JOINT3       | ATT-5            |             |
| 300 | 0.85 | RY    | ENH-12       | JOINT1           |             |
| 310 | 0.85 | BY    | ENH-16       | JOINT1           |             |
| 301 | 0.85 | RY    | JOINT3       | PUMPH-12         |             |
| 311 | 0.85 | BY    | JOINT3       | PUMPH-16         |             |
| 501 | 3    | B     | CABH-3-2     | ALT-E            | AEX         |
| 502 | 0.85 | W     | ALT-R        | (COT)            | AEX         |
| 503 | 0.85 | W-G   | SAFE-R-R     | (COT)            | AEX         |
| 504 | 8    | W     | ALT-B        | ISA.FLT.         | AEX         |
| 505 | 2    | B-W   | CABH-1-27    | SAFE-R-S         | AEX         |
| 506 | 5    | W     | ALT-B        | CABH-3-1         | AEX         |
| 508 | 2    | W     | BATT-F-S     | CABH-1-37        |             |
| 511 | 3    | R     | 4SA.FLT.     | CABH-2-1         |             |
| 512 | 3    | R     | GR-1         | (COT)            |             |
| 513 | 2    | R     | FUEL.FEEDM-2 | (COT)            |             |
| 514 | 2    | R     | FUEL.FEEDM-3 | (COT)            |             |
| 515 | 0.5  | G-R   | ECU-1-10     | GR-4             | AEX         |
| 516 | 0.5  | G-Y   | CABH-1-38    | GR-3             |             |
| 520 | 2    | B     | FUEL.FEEDM-1 | (COT)            |             |
| 521 | 2    | B     | BATT-F-E     | (COT)            |             |
| 536 | 2    | R-L   | CABH-1-9     | BOOM.LIGHT       |             |
| 537 | 2    | R     | CABH-1-21    | BODY.LIGHT       |             |
| 542 | 0.5  | R-G   | CABH-1-20    | HORN.LC          |             |
| 543 | 0.5  | R-G   | HOSEA-H      | (COT)            |             |
| 546 | 0.5  | V     | CABH-1-29    | WASHER-L         |             |
| 547 | 0.5  | B     | WASHER-R     | (COT)            |             |
| 583 | 0.85 | W     | CABH-1-47    | PRESSURE-1       |             |
| 584 | 0.85 | W-R   | エマソン         | PRESSURE-2       |             |
| 588 | 0.5  | R-W   | CABH-1-46    | FRESH.AIR.SENSOR |             |





# ZAXIS240-3 CLASS ENGINE HARNESS 1

**CAUTION:** Part numbers on the drawing are provided only for reference purpose.  
To order parts on the drawing, be sure to consult the Parts Catalog.

| NO. | SIZE | COLOR | CIRCUIT   | FROM      | TO     | COMMENT       |
|-----|------|-------|-----------|-----------|--------|---------------|
| 650 | 0.5  | LW    | CABH_4-9  | CABH_4-9  | ATT-9  |               |
| 651 | 0.5  | YB    | CABH_4-10 | CABH_4-10 | ATT-10 |               |
| 652 | 0.5  | LB    | CABH_4-5  | CABH_4-5  | ATT-8  |               |
| 653 | 0.5  | R     | CABH_4-2  | CABH_4-2  | ML-6   |               |
| 655 | 0.5  | YB    | CABH_4-4  | CABH_4-4  | ATT-11 |               |
| 664 | 1.25 | L     | CABH_1-23 | CABH_1-23 | ATT-14 | POWER FOR ATT |

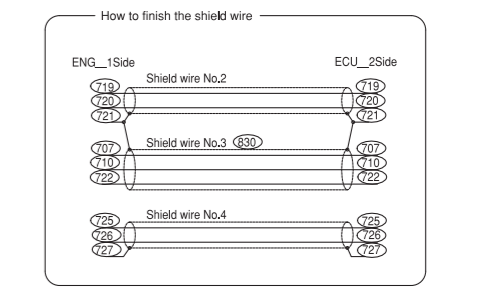
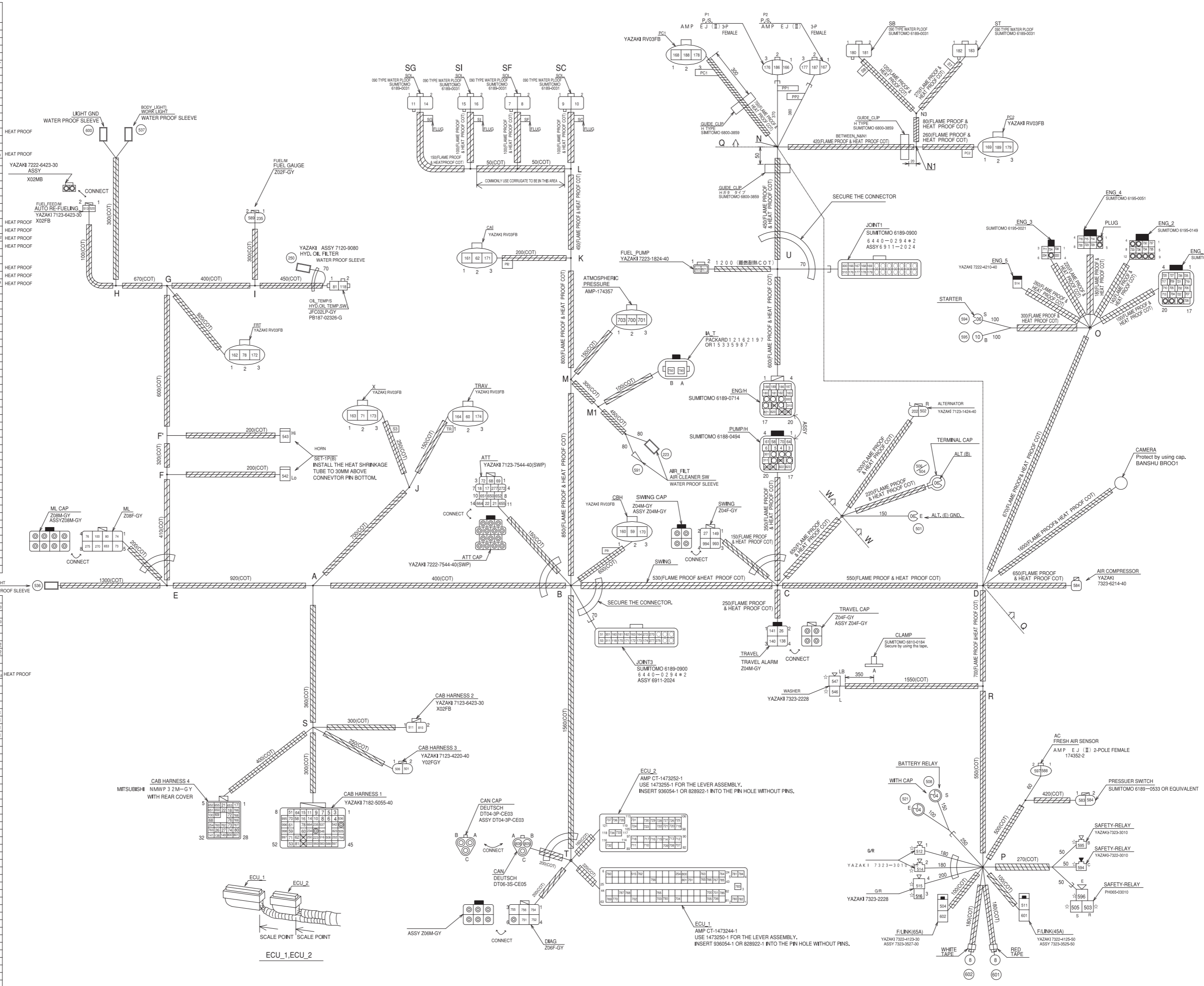
|     |      |     |           |                 |                    |
|-----|------|-----|-----------|-----------------|--------------------|
| 700 | 0.5  | BL  | ECU_1-40  | ABSENT SENSOR-1 |                    |
| 701 | 0.5  | GB  | ECU_1-41  | ABSENT SENSOR-3 |                    |
| 702 | 0.5  | O   | ECU_1-67  | ENG_1-10        | AEX                |
| 703 | 0.5  | PL  | ECU_1-71  | ABSENT SENSOR-1 |                    |
| 704 | 0.5  | BR  | ECU_1-74  | ENG_1-15        | AEX                |
| 705 | 0.5  | W   | ECU_1-79  | ENG_1-11        | AEX                |
| 706 | 0.5  | BL  | ECU_1-80  | ENG_1-9         | AEX                |
| 707 | 0.5  | R   | ECU_2-82  | ENG_1-13        | INTER_OF_SHIELDING |
| 708 | 0.5  | LB  | ECU_2-83  | ENG_3-1         | AEX                |
| 709 | 0.5  | YG  | ECU_2-84  | ENG_1-7         | AEX                |
| 710 | 0.5  | W   | ECU_2-87  | ENG_1-12        | INTER_OF_SHIELDING |
| 711 | 0.75 | GB  | ECU_2-89  | ENG_3-3         | AEX                |
| 712 | 0.5  | RB  | ECU_2-90  | ENG_1-13        | INTER_OF_SHIELDING |
| 713 | 0.5  | LB  | ECU_2-91  | ENG_1-16        | AEX                |
| 714 | 0.5  | YR  | ECU_2-92  | ENG_4-2         | AEX                |
| 715 | 0.5  | GW  | ECU_2-93  | ENG_4-3         | AEX                |
| 716 | 0.5  | V   | ECU_2-94  | ENG_4-4         | AEX                |
| 717 | 0.5  | OW  | ECU_2-95  | ENG_1-8         | AEX                |
| 718 | 0.75 | Gy  | ECU_2-97  | CT1             | 300                |
| 719 | 0.5  | B   | ECU_2-98  | ENG_1-5         | INTER_OF_SHIELDING |
| 720 | 0.5  | W   | ECU_2-99  | ENG_1-4         | INTER_OF_SHIELDING |
| 721 | 0.5  | Gy  | ECU_2-100 | ENG_1-6         | INTER_OF_SHIELDING |
| 722 | 0.5  | B   | ECU_2-101 | ENG_1-14        | INTER_OF_SHIELDING |
| 723 | 0.75 | LY  | ECU_2-103 | ENG_4-7         | AEX                |
| 724 | 0.75 | B/G | ECU_2-105 | ENG_3-2         | AEX                |
| 725 | 0.5  | B   | ECU_2-106 | ENG_1-1         | INTER_OF_SHIELDING |
| 726 | 0.5  | W   | ECU_2-107 | ENG_1-3         | INTER_OF_SHIELDING |
| 727 | 0.5  | Gy  | ECU_2-108 | ENG_1-3         | INTER_OF_SHIELDING |
| 728 | 0.5  | P   | ECU_2-109 | ENG_1-7         | AEX                |
| 729 | 0.75 | LR  | ECU_2-110 | ENG_4-6         | AEX                |
| 730 | 0.75 | YL  | ECU_2-111 | ENG_4-8         | AEX                |
| 731 | 0.75 | PG  | ECU_2-113 | ENG_2-2         | AEX                |
| 732 | 1.25 | P   | ECU_2-116 | ENG_2-2         | AEX                |
| 733 | 1.25 | WG  | ECU_2-117 | ENG_2-8         | AEX                |
| 734 | 1.25 | BW  | ECU_2-118 | ENG_2-6         | AEX                |
| 735 | 1.25 | RG  | ECU_2-119 | ENG_2-5         | AEX                |
| 736 | 1.25 | LW  | ECU_2-120 | ENG_2-7         | AEX                |
| 737 | 1.25 | Y   | ECU_2-121 | ENG_2-1         | AEX                |

|     |     |    |           |           |  |
|-----|-----|----|-----------|-----------|--|
| 750 | 0.5 | RL | ECU_1-72  | MA_1-8    |  |
| 751 | 0.5 | GB | ECU_1-38  | DMG-5     |  |
| 752 | 0.5 | R  | DMG-4     | (S11) 300 |  |
| 754 | 0.5 | B  | DMG-1     | (S11) 300 |  |
| 755 | 0.5 | V  | ECU_1-52  | DMG-3     |  |
| 756 | 0.5 | PN | ECU_1-53  | DMG-2     |  |
| 760 | 0.5 | WY | CABH_4-21 | ECU_1-6   |  |

|     |      |     |           |           |  |
|-----|------|-----|-----------|-----------|--|
| 762 | 0.5  | RW  | CABH_4-30 | ECU_1-11  |  |
| 763 | 0.5  | YG  | CABH_4-27 | ECU_1-21  |  |
| 764 | 0.5  | RB  | CABH_1-35 | ECU_1-24  |  |
| 765 | 0.5  | L   | ECU_1-40  | (S11) 300 |  |
| 766 | 0.5  | B/G | CABH_4-6  | ECU_1-14  |  |
| 767 | 0.5  | OL  | CABH_4-18 | ECU_1-42  |  |
| 768 | 0.5  | PG  | CABH_4-11 | ECU_1-47  |  |
| 769 | 0.5  | LB  | CABH_4-15 | ECU_1-43  |  |
| 770 | 0.5  | LB  | ECU_1-64  | (S11) 300 |  |
| 780 | 1.25 | L   | ECU_1-14  | (S11) 300 |  |
| 781 | 1.25 | L   | ECU_1-14  | (S11) 300 |  |
| 782 | 1.25 | B   | ECU_1-43  | (S11) 300 |  |
| 783 | 1.25 | B   | ECU_1-42  | (S11) 300 |  |
| 784 | 1.25 | B   | ECU_1-4   | (S11) 300 |  |
| 785 | 0.5  | B   | ECU_1-43  | (S11) 300 |  |
| 786 | 0.5  | B   | ECU_1-42  | (S11) 300 |  |
| 787 | 0.5  | BW  | ECU_1-48  | (S11) 300 |  |
| 790 | 0.5  | B   | MA_1-4    | (S11) 300 |  |

|     |     |    |           |             |                      |
|-----|-----|----|-----------|-------------|----------------------|
| 800 | 0.5 | W  | CABH_4-29 | ECU_1-18    | AVSSCS               |
| 801 | 0.5 | L  | CABH_4-28 | ECU_1-37    | INTERFERING WITH SW  |
| 808 | 0.5 | W  | CAN_A     | (S11) 300   | AVSSCS               |
| 809 | 0.5 | L  | CAN_B     | (S11) 300   | INTERFERING WITH SW  |
| 810 | 3   | L  | CABH_2-2  | (S11) 300   |                      |
| 811 | 3   | B  | JCN1-1    | (S11) 300   |                      |
| 820 | 0.5 | B  | ENGH-18   | FUEL PUMP-1 | DR-1 2045F-2         |
| 821 | 0.5 | R  | ENGH-17   | FUEL PUMP-2 | DR-1 2045F-2         |
| 822 | 0.5 | B  | PUMPH-18  | SCU         | (S11) 300            |
| 823 | 0.5 | R  | CABH_1-28 | PUMPH-17    |                      |
| 830 | 0.5 | Gy | CT1       | 300         | OUTLINE_OF_SHIELDING |

|     |     |           |           |                    |  |
|-----|-----|-----------|-----------|--------------------|--|
| 993 | 0.5 | RW        | CABH_1-48 | SWING-3            |  |
| 995 | B   | CABH_1-26 | CAMERA    | EXCLUDE CONN. CAB1 |  |
| 997 | Gy  | CABH_1-44 | CAMERA    | EXCLUDE CONN. CAB1 |  |
| 998 | B   | CABH_1-34 | CAMERA    | EXCLUDE CONN. CAB1 |  |

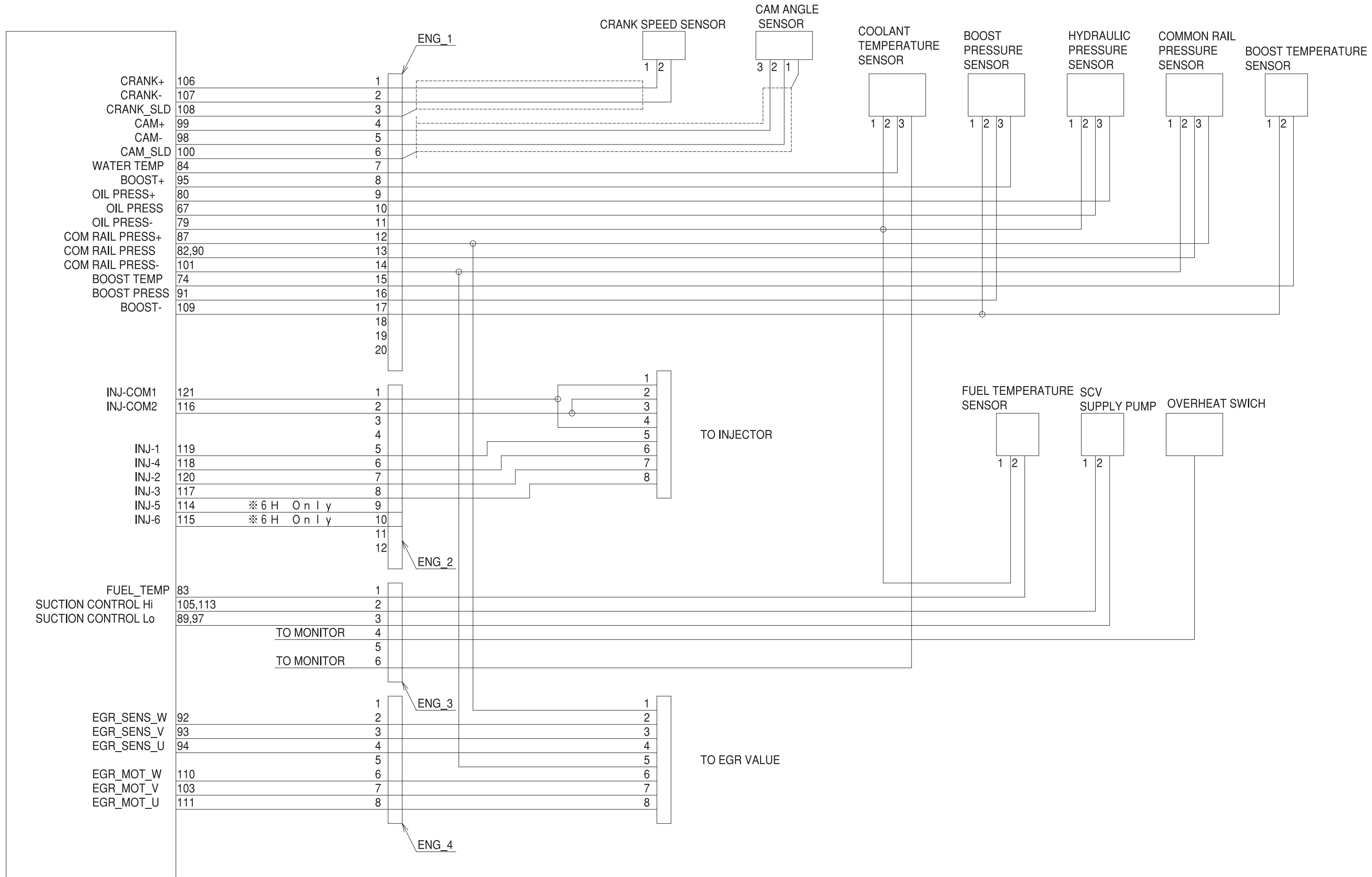


- UNDER 1.25 WIRE MAY BE AVS WIRE. IF NO COMMENT.
- OVER 2 WIRE MAY BE AV WIRE.
- NO ELECTRIC TURNING POINT MAYBE OUT SID OF C.O.W.P POINT.
- NO PLATE ON THE CB TYPE CONNECTORS.
- COLOR BEND DUE TO JASD 0007.
- SYMBOL OF THIS DRAWING DUE TO \*X4259303.
- IF E-A-B-S-B-T.
- SHIELD WIRE: ANTI-RUST GREASE MAY BE PUT IN POINTS. (INFO DENI No.28 OR EQUIV.)
- HARNESS TARE IS THE USE OF HEAT RESISTANCE TAPE.
- NO JOINT POINT BETWEEN S-B-T AREA.
- SHIELDING JOINT MAY BE WRAPPED BY SELF FUSION TAPE OR LUCKON OR BUCHE PAD MAY BE PUT ON S-T DIRECTION FROM A AND POINT OR MAY BE DOUBLE JOINT ON THE HOLE TYPE CONNECTOR.
- USE YAZAKI COT-FR OR EQUIVALENT IF NO COMMENT.
- USE LEAD-FREE PARTS (WIRE AND COT TAPE).
- PUT THE PARTS NUMBER LABEL ON THE HARNESS.
- DIAMETER OF THE QUINCE-CUT LOCATED NEAR BY KAN-POINT MUST BE SMALLER THAN 2mm.





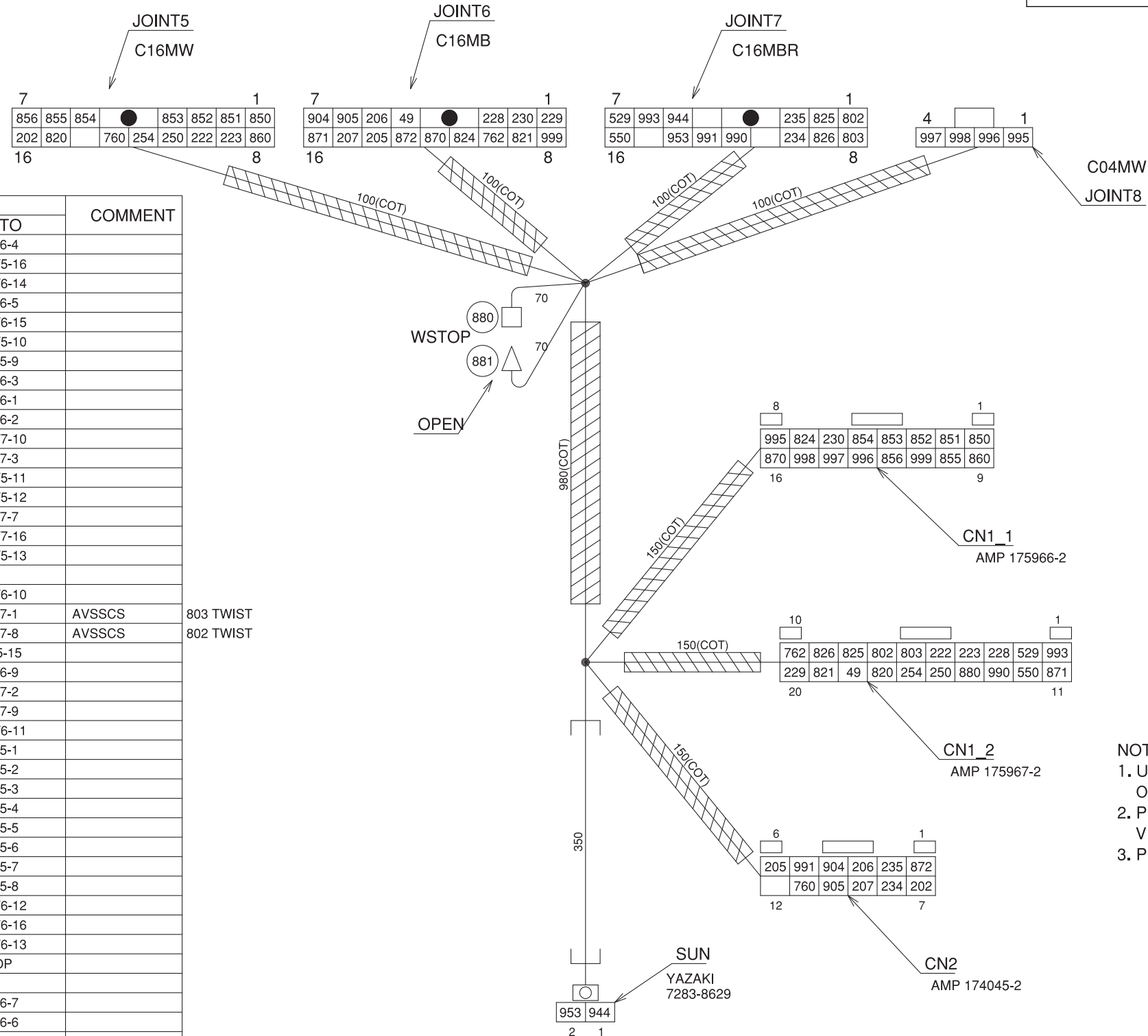
# ZAXIS200-3 CLASS/225US-3 CLASS/225USR-3 CLASS/240-3 CLASS/270-3 CLASS /330-3 CLASS ENGINE HARNESS 2



# ZAXIS200-3 CLASS/225US-3 CLASS/225USR-3 CLASS/240-3 CLASS/270-3 CLASS 330-3 CLASS MONITOR UNIT HARNESS

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

| No. | SIZE | COL. | CIRCUIT  |           | COMMENT          |
|-----|------|------|----------|-----------|------------------|
|     |      |      | FROM     | TO        |                  |
| 49  | 0.3  | G    | CN1_2-18 | JOINT6-4  |                  |
| 202 | 0.3  | LY   | CN2-7    | JOINT5-16 |                  |
| 205 | 0.3  | R    | CN2-6    | JOINT6-14 |                  |
| 206 | 0.3  | RB   | CN2-3    | JOINT6-5  |                  |
| 207 | 0.3  | RW   | CN2-9    | JOINT6-15 |                  |
| 222 | 0.3  | RL   | CN1_2-5  | JOINT5-10 |                  |
| 223 | 0.3  | GL   | CN1_2-4  | JOINT5-9  |                  |
| 228 | 0.3  | G    | CN1_2-3  | JOINT6-3  |                  |
| 229 | 0.3  | GW   | CN1_2-20 | JOINT6-1  |                  |
| 230 | 0.3  | LB   | CN1_1-6  | JOINT6-2  |                  |
| 234 | 0.3  | WB   | CN2-8    | JOINT7-10 |                  |
| 235 | 0.3  | Br   | CN2-2    | JOINT7-3  |                  |
| 250 | 0.3  | WL   | CN1_2-15 | JOINT5-11 |                  |
| 254 | 0.3  | WR   | CN1_2-16 | JOINT5-12 |                  |
| 529 | 0.3  | GB   | CN1_2-2  | JOINT7-7  |                  |
| 550 | 0.3  | Gy   | CN1_2-12 | JOINT7-16 |                  |
| 760 | 0.3  | WY   | CN2-11   | JOINT5-13 |                  |
|     |      |      | CN2-12   |           |                  |
| 762 | 0.3  | G    | CN1_2-10 | JOINT6-10 |                  |
| 802 | 0.5  | G    | CN1_2-7  | JOINT7-1  | AVSSCS 803 TWIST |
| 803 | 0.5  | L    | CN1_2-6  | JOINT7-8  | AVSSCS 802 TWIST |
| 820 | 0.3  | GY   | CN1_2-17 | JOINT5-15 |                  |
| 821 | 0.3  | R    | CN1_2-19 | JOINT6-9  |                  |
| 825 | 0.3  | R    | CN1_2-8  | JOINT7-2  |                  |
| 826 | 0.3  | W    | CN1_2-9  | JOINT7-9  |                  |
| 824 | 0.3  | RB   | CN1_1-7  | JOINT6-11 |                  |
| 850 | 0.3  | G    | CN1_1-1  | JOINT5-1  |                  |
| 851 | 0.3  | GW   | CN1_1-2  | JOINT5-2  |                  |
| 852 | 0.3  | GB   | CN1_1-3  | JOINT5-3  |                  |
| 853 | 0.3  | GL   | CN1_1-4  | JOINT5-4  |                  |
| 854 | 0.3  | R    | CN1_1-5  | JOINT5-5  |                  |
| 855 | 0.3  | B    | CN1_1-10 | JOINT5-6  |                  |
| 856 | 0.3  | O    | CN1_1-12 | JOINT5-7  |                  |
| 860 | 0.3  | W    | CN1_1-9  | JOINT5-8  |                  |
| 870 | 0.3  | LB   | CN1_1-16 | JOINT6-12 |                  |
| 871 | 0.3  | B    | CN1_2-11 | JOINT6-16 |                  |
| 872 | 0.3  | WB   | CN2-1    | JOINT6-13 |                  |
| 880 | 0.5  | YL   | CN1_2-14 | WSTOP     |                  |
| 881 | 0.5  | BL   | WSTOP    | (871)     |                  |
| 904 | 0.3  | BrW  | CN2-4    | JOINT6-7  |                  |
| 905 | 0.3  | WY   | CN2-10   | JOINT6-6  |                  |
| 944 | 0.3  | BrL  | SUN-1    | JOINT7-5  |                  |
| 953 | 0.3  | RB   | SUN-2    | JOINT7-14 |                  |
| 990 | 0.3  | YR   | CN1_2-13 | JOINT7-12 |                  |
| 991 | 0.3  | LY   | CN2-5    | JOINT7-13 |                  |
| 993 | 0.3  | GR   | CN1_2-1  | JOINT7-6  |                  |
| 995 | 0.3  | R    | CN1_1-8  | JOINT8-1  |                  |
| 996 | 0.3  | B    | CN1_1-13 | JOINT8-2  |                  |
| 997 | 0.5  | B    | CN1_1-14 | JOINT8-4  | APEXSP-1A OUTER  |
| 998 | 0.5  | W    | CN1_1-15 | JOINT8-3  | APEXSP-1A INNER  |
| 999 | 0.5  | GW   | CN1_1-11 | JOINT6-8  |                  |

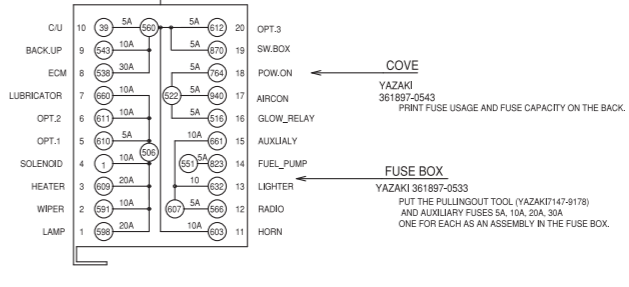
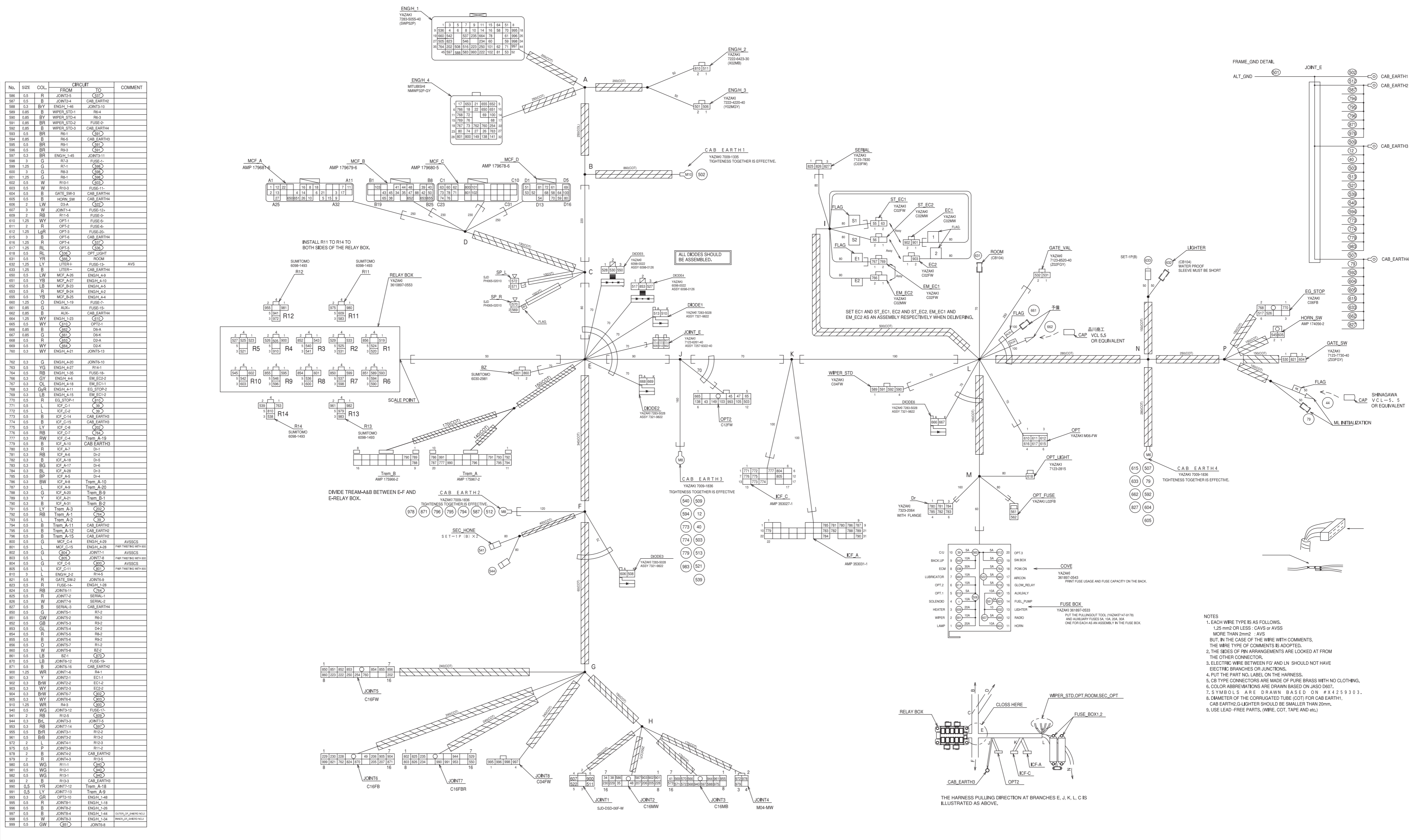


**NOTE**  
 1. UNDER 1.25 WIRE MAY BE CAVS WIRE, IF NO COMMENT.  
 OVER 2 WIRE MAY BE AVS WIRE.  
 2. PIN ARRANGEMENTS OF THIS DRAWING INDICATE VIEW POINTS FROM THE OTHER SIDE CONNECTORS.  
 3. PUT THE PART NO. LABEL ON THE HARNESS.

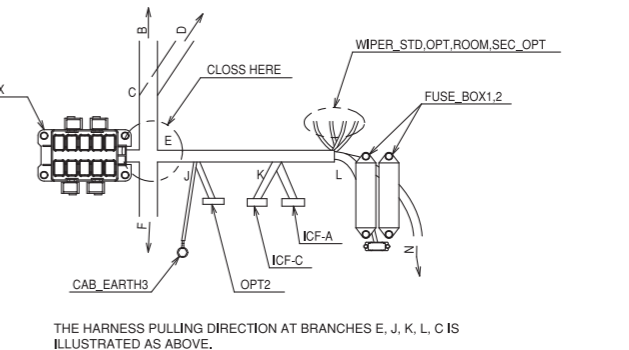
# ZAXIS200-3 CLASS/240-3 CLASS/270-3 CLASS/330-3 CLASS CAB HARNESS

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose. To order parts on the drawing, be sure to consult the Parts Catalog.

| No. | SIZE | COL. | FROM CIRCUIT | TO CIRCUIT | COMMENT |
|-----|------|------|--------------|------------|---------|
| 1   | 1.25 | R    | MCF-A-1      | FUSE-4     |         |
| 2   | 1.25 | R    | MCF-A-12     | FUSE-4     |         |
| 3   | 0.5  | LB   | MCF-A-2      | ENGH-1     |         |
| 4   | 0.5  | LR   | MCF-A-16     | ENGH-1-19  |         |
| 5   | 0.5  | BY   | MCF-A-20     | ENGH-1-2   |         |
| 6   | 0.5  | GW   | MCF-A-10     | ENGH-1-11  |         |
| 7   | 0.5  | RW   | MCF-A-10     | ENGH-1-3   |         |
| 8   | 0.5  | BR   | MCF-A-6      | ENGH-1-10  |         |
| 9   | 0.5  | W    | MCF-A-20     | ENGH-1-4   |         |
| 10  | 0.5  | G    | MCF-A-20     | ENGH-1-13  |         |
| 11  | 0.5  | Y    | MCF-A-11     | ENGH-1-5   |         |
| 12  | 1.25 | B    | MCF-A-2      | CAB EARTH3 |         |
| 13  | 1.25 | B    | MCF-A-11     | CAB EARTH3 |         |
| 14  | 0.5  | WG   | MCF-A-17     | ENGH-1-14  |         |
| 15  | 0.5  | L    | MCF-A-31     | ENGH-1-6   |         |
| 16  | 0.5  | R    | MCF-A-8      | ENGH-1-15  |         |
| 17  | 0.5  | R    | MCF-A-20     | ENGH-1-1   |         |
| 18  | 0.5  | YG   | MCF-A-7      | ENGH-1-2   |         |
| 19  | 0.5  | O    | MCF-A-20     | ENGH-1-3   |         |
| 20  | 0.5  | RG   | MCF-A-3      | ENGH-1-4   |         |
| 21  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 22  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 23  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 24  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 25  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 26  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 27  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 28  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 29  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 30  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 31  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 32  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 33  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 34  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 35  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 36  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 37  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 38  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 39  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 40  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 41  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 42  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 43  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 44  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 45  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 46  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 47  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 48  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 49  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 50  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 51  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 52  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 53  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 54  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 55  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 56  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 57  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 58  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 59  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 60  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 61  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 62  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 63  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 64  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 65  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 66  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 67  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 68  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 69  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 70  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 71  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 72  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 73  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 74  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 75  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 76  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 77  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 78  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 79  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 80  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 81  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 82  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 83  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 84  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 85  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 86  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 87  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 88  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 89  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 90  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 91  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 92  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 93  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 94  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 95  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 96  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 97  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 98  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 99  | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |
| 100 | 0.5  | BR   | MCF-A-20     | ENGH-1-20  |         |



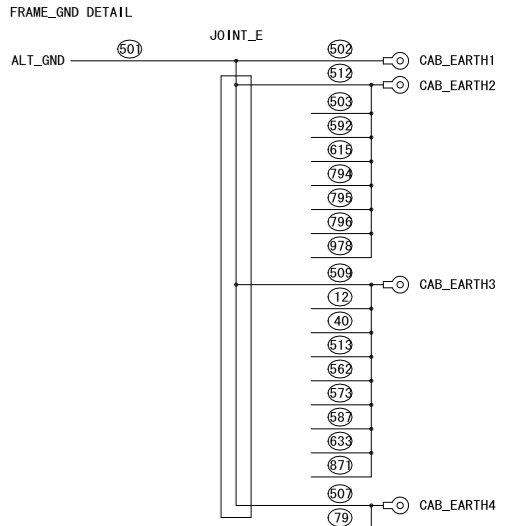
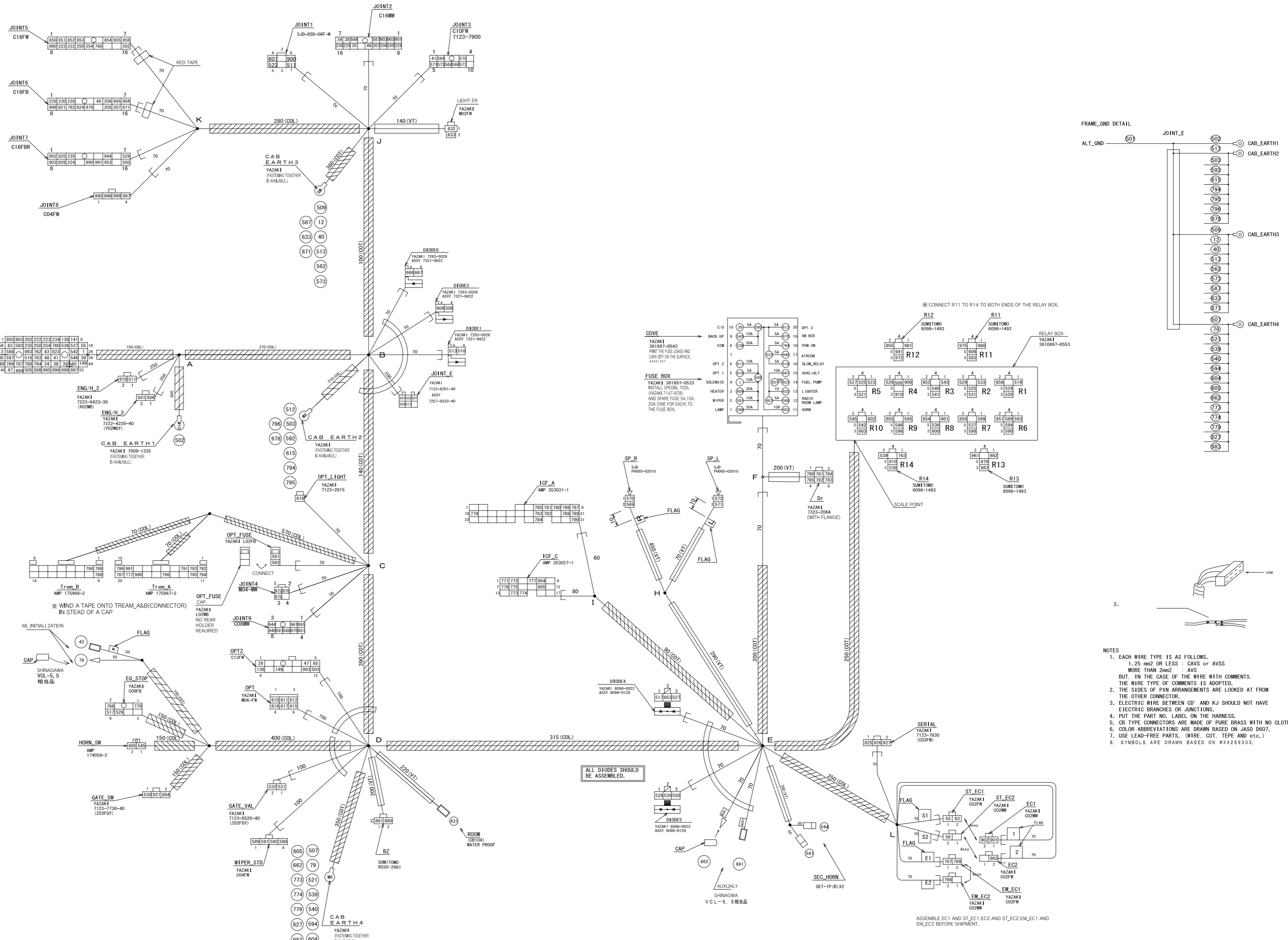
- NOTES**
1. EACH WIRE TYPE IS AS FOLLOWS.  
1.25mm OR LESS : GAVIS OR AVISS  
MORE THAN 2mm : AVSS  
BUT, IN THE CASE OF THE WIRE WITH COMMENTS, THE WIRE TYPE OF COMMENTS IS ADOPTED.
  2. THE SIDES OF PIN ARRANGEMENTS ARE LOCKED AT FROM THE OTHER CONNECTOR.
  3. ELECTRIC WIRE BETWEEN FG AND LN SHOULD NOT HAVE ELECTRIC BRANCHES OR JUNCTIONS.
  4. PUT THE PART NO. LABEL ON THE HARNESS.
  5. CR TYPE CONNECTORS ARE MADE OF PURE BRASS WITH NO CLOTHING.
  6. COLOR ABBREVIATIONS ARE DRAWN BASED ON JASO D607.
  7. 5 WIRE BLS ARE DRAWN BASED ON # 4 2 5 9 3 0 3.
  8. DIAMETER OF THE CORRUGATED TUBE (COT) FOR CAB EARTH, CAB EARTH LIGHTER SHOULD BE SMALLER THAN 2mm.
  9. USE LEAD-FREE PARTS, WIRE, COT, TAPE AND ETC.



# ZAXIS225US-3 CLASS/225USR-3 CLASS CAB HARNESS

**CAUTION:** Parts numbers on the drawing are provided only for reference purpose.  
To order parts on the drawing, be sure to consult the Parts Catalog.

| No. | SIZE | COL. | CIRCUIT     | FROM        | TO | COMMENT |
|-----|------|------|-------------|-------------|----|---------|
| 1   | 1.25 | R    | ENG-1-25    | FUSE-4-     |    |         |
| 12  | 1.25 | B    | ENG-1-19    | CAB EARTH3  |    |         |
| 28  | 0.5  | BY   | OPT-1       |             |    |         |
| 34  | 0.3  | BR   | ENG-11-40   | JOINT-7-    |    |         |
| 35  | 0.3  | BR   | ENG-11-42   | JOINT-14-   |    |         |
| 38  | 0.3  | G    | ENG-11-44   | JOINT-4-    |    |         |
| 39  | 0.85 | L    | ENG-11-34   | FUSE-10-    |    |         |
| 40  | 0.85 | B    | ENG-11-27   | CAB EARTH3  |    |         |
| 41  | 0.3  | GR   | ENG-11-22   | JOINT-1-    |    |         |
| 43  | 0.5  | Y    | ENG-11-23   | M.L.B.B.B.C |    |         |
| 47  | 0.3  | GR   | ENG-11-45   | OPT-4       |    |         |
| 48  | 0.3  | G    | ENG-11-31   | JOINT-12    |    |         |
| 49  | 0.3  | G    | JOINT-4-    |             |    |         |
| 55  | 0.85 | RY   | ENG-11-18   | ST_ECI-1    |    |         |
| 56  | 0.85 | RY   | ENG-11-9    | ST_ECI-2    |    |         |
| 60  | 0.3  | W    | ENG-11-10   | ST_ECI-2    |    |         |
| 65  | 0.3  | WR   | ENG-11-43   | OPT-5       |    |         |
| 79  | 0.5  | B    | M.L.B.B.B.C | CAB EARTH4  |    |         |
| 138 | 0.5  | GR   | ENG-11-7    | OPT-8       |    |         |
| 141 | 0.5  | RY   | ENG-11-8    | OPT-8       |    |         |
| 149 | 0.5  | LB   | ENG-11-44   | OPT-8       |    |         |
| 202 | 0.5  | LY   | ENG-11-3    | JOINT-16    |    |         |
| 206 | 0.3  | R    | JOINT-10    |             |    |         |
| 207 | 0.3  | GR   | JOINT-11    |             |    |         |
| 222 | 0.3  | RL   | ENG-11-10   | JOINT-15    |    |         |
| 223 | 0.3  | GL   | ENG-11-5    | JOINT-9     |    |         |
| 228 | 0.3  | G    | JOINT-3     |             |    |         |
| 229 | 0.3  | GR   | JOINT-15    | JOINT-1     |    |         |
| 230 | 0.3  | LB   | JOINT-16    |             |    |         |
| 234 | 0.3  | RB   | ENG-11-10   | JOINT-10    |    |         |
| 235 | 0.3  | BR   | ENG-11-12   | JOINT-3     |    |         |
| 239 | 0.3  | GR   | ENG-11-13   | JOINT-11    |    |         |
| 254 | 0.3  | WR   | ENG-11-14   | JOINT-12    |    |         |
| 501 | 3    | B    | ENG-11-2    | JOINT-E     |    |         |
| 502 | 3    | B    | CAB EARTH1  | JOINT-E     |    |         |
| 503 | 0.5  | B    | OPT-12      |             |    |         |
| 505 | 1.25 | WR   | ENG-11-47   | 84-K        |    |         |
| 506 | 5    | W    | ENG-11-1    | FUSE-11     |    |         |
| 507 | 3    | B    | CAB EARTH4  | JOINT-E     |    |         |
| 508 | 2    | W    | ENG-11-48   | D3-K        |    |         |
| 509 | 3    | B    | CAB EARTH3  | JOINT-E     |    |         |
| 510 | 0.5  | W    | D1-A        |             |    |         |
| 511 | 3    | B    | ENG-11-1    | JOINT-1     |    |         |
| 512 | 0.5  | B    | D1-A        | CAB EARTH3  |    |         |
| 516 | 0.5  | BY   | ENG-11-29   | FUSE-16-    |    |         |
| 517 | 0.5  | BY   | ENG-11-29   | FUSE-16-    |    |         |
| 519 | 1.25 | R    | R1-1        |             |    |         |
| 520 | 2    | R    | R1-3        |             |    |         |
| 521 | 2    | B    | CAB EARTH4  |             |    |         |
| 522 | 3    | LW   | JOINT-5     | FUSE-18-    |    |         |
| 523 | 0.5  | W    | R1-5        |             |    |         |
| 524 | 0.5  | W    | R1-5        |             |    |         |
| 525 | 0.5  | PU   | R2-5        |             |    |         |
| 526 | 0.5  | PU   | R4-5        |             |    |         |
| 527 | 0.5  | PU   | R5-2        |             |    |         |
| 528 | 0.5  | PU   | R5-2        |             |    |         |
| 529 | 0.5  | PU   | JOINT-7     |             |    |         |
| 530 | 0.3  | O    | D5-2        | GATE_SW-1   |    |         |
| 531 | 0.5  | FW   | R2-3        |             |    |         |
| 532 | 0.5  | R    | GATE_VAL-2  |             |    |         |
| 533 | 0.5  | R    | R2-1        |             |    |         |
| 536 | 2    | RL   | ENG-11-16   | R8-5        |    |         |
| 537 | 2    | R    | ENG-11-17   | R7-5        |    |         |
| 538 | 3    | G    | FUSE-2-     |             |    |         |
| 539 | 0.5  | B    | R14-2       | CAB EARTH4  |    |         |
| 540 | 0.5  | B    | R3-5        | CAB EARTH4  |    |         |
| 541 | 0.5  | PG   | R3-3        | SEC_HORN    |    |         |
| 542 | 0.5  | RS   | ENG-11-25   | R10-5       |    |         |
| 543 | 0.5  | RL   | R3-1        |             |    |         |
| 544 | 0.5  | RL   | SEC_HORN    |             |    |         |
| 545 | 0.5  | WPU  | HORN_SW-1   | R10-2       |    |         |
| 546 | 0.5  | BY   | ENG-11-23   | R9-5        |    |         |
| 550 | 0.5  | PL   | D5-3        | JOINT-16    |    |         |
| 551 | 0.5  | W    | FUSE-14-    |             |    |         |
| 560 | 3    | R    | FUSE-10-    |             |    |         |
| 561 | 5    | W    | OPT_FUSE-1  |             |    |         |
| 562 | 3    | B    | OPT_FUSE-2  | CAB EARTH3  |    |         |
| 566 | 0.5  | RL   | JOINT-3     | FUSE-12-    |    |         |
| 568 | 0.5  | RL   | JOINT-3     | FUSE-12-    |    |         |
| 569 | 0.5  | RY   | JOINT-3     | SP_P-2      |    |         |
| 570 | 0.5  | W    | JOINT-3     | SP_P-1      |    |         |
| 571 | 0.5  | GR   | JOINT-5     | SP_L-2      |    |         |
| 572 | 0.5  | WB   | JOINT-5     | SP_L-1      |    |         |
| 573 | 0.5  | B    | JOINT-5     | CAB EARTH3  |    |         |
| 583 | 0.85 | W    | ENG-11-1    | R11-3       |    |         |
| 586 | 0.5  | R    | JOINT-5     |             |    |         |
| 587 | 0.5  | B    | JOINT-4     | CAB EARTH3  |    |         |
| 588 | 0.3  | BY   | ENG-11-20   | JOINT-6-    |    |         |
| 589 | 0.85 | B    | WIPER_STD-1 | RR-4        |    |         |
| 590 | 0.85 | BY   | WIPER_STD-4 | RR-3        |    |         |
| 591 | 0.85 | BR   | WIPER_STD-2 | FUSE-2-     |    |         |
| 592 | 0.85 | B    | WIPER_STD-3 | CAB EARTH2  |    |         |
| 593 | 0.5  | BR   | R6-1        |             |    |         |
| 594 | 0.85 | B    | R6-5        | CAB EARTH4  |    |         |
| 595 | 0.5  | BR   | R6-1        |             |    |         |
| 596 | 0.5  | BR   | R6-3        |             |    |         |
| 597 | 0.3  | BR   | ENG-11-28   | JOINT-7     |    |         |
| 598 | 3    | G    | R7-3        | FUSE-11-    |    |         |
| 599 | 1.25 | G    | R7-1        |             |    |         |
| 600 | 3    | G    | R8-3        |             |    |         |
| 601 | 1.25 | G    | R8-1        |             |    |         |
| 602 | 0.5  | W    | R10-1       |             |    |         |
| 603 | 0.5  | W    | R10-3       |             |    |         |
| 604 | 0.5  | D    | GATE_SW-2   | CAB EARTH4  |    |         |
| 605 | 0.5  | D    | HORN_SW-2   | CAB EARTH4  |    |         |
| 606 | 3    | LW   | JOINT-4     | FUSE-12-    |    |         |
| 607 | 3    | W    | JOINT-4     | FUSE-12-    |    |         |
| 609 | 2    | BR   | R11-5       | FUSE-3-     |    |         |
| 610 | 1.25 | BY   | OPT-1       | FUSE-6-     |    |         |
| 611 | 2    | R    | OPT-2       | FUSE-6-     |    |         |
| 612 | 1.25 | LR   | OPT-3       | FUSE-9-     |    |         |
| 615 | 3    | B    | OPT-6       | CAB EARTH2  |    |         |
| 616 | 1.25 | R    | OPT-4       |             |    |         |
| 617 | 1.25 | RL   | OPT-5       |             |    |         |
| 618 | 1.25 | RL   |             | OPT_LIGHT   |    |         |
| 631 | 0.5  | YR   | ROOM        |             |    |         |
| 632 | 1.25 | LY   | LIGHT_ER-1  | FUSE-13-    |    |         |

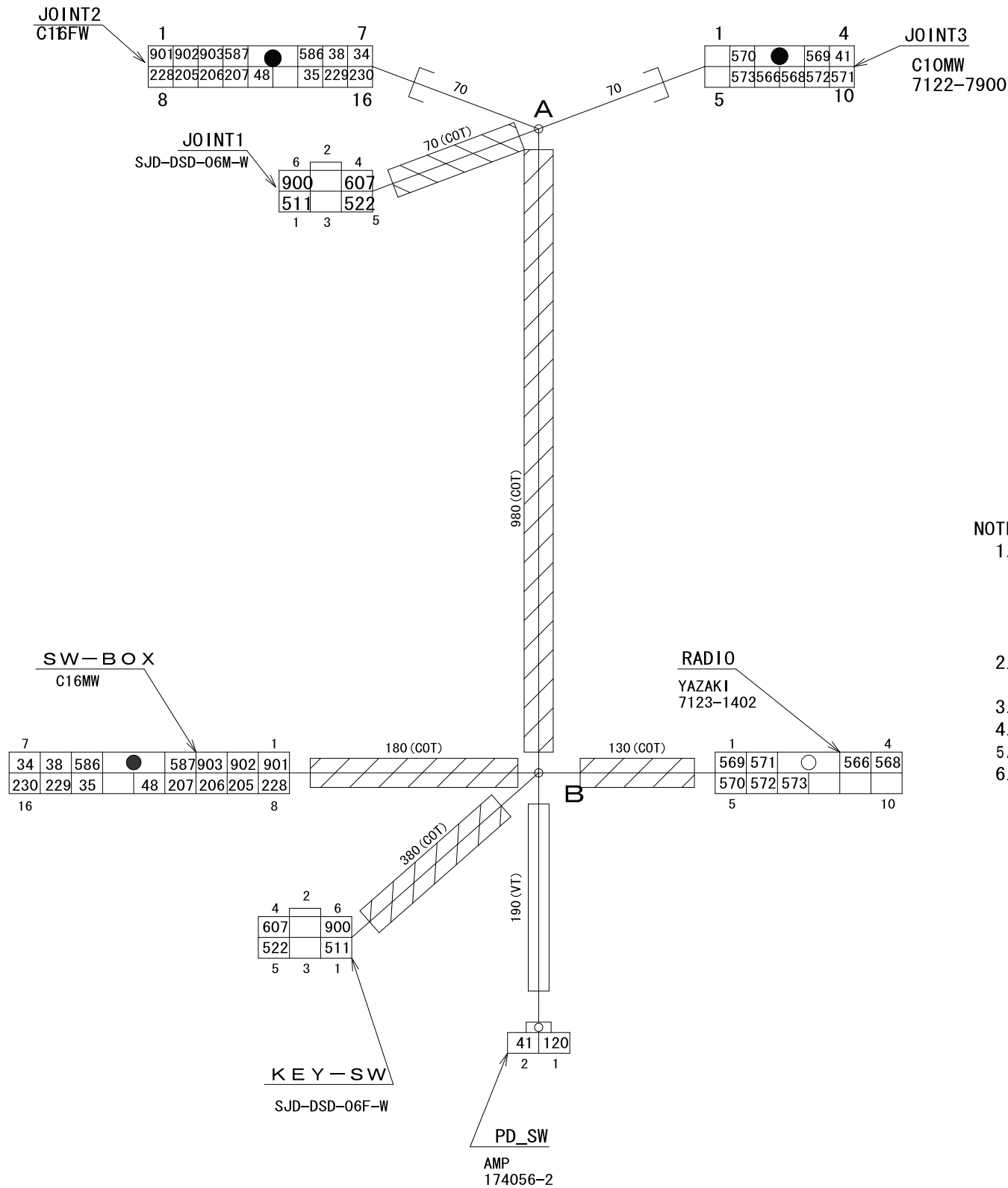


- NOTES
- EACH WIRE TYPE IS AS FOLLOWS.  
1.25 mm<sup>2</sup> OR LESS : CAVS or AVSS  
MORE THAN 2mm<sup>2</sup> : AVS  
BUT, IN THE CASE OF THE WIRE WITH COMMENTS,  
THE WIRE TYPE OF COMMENTS IS ADOPTED.
  - THE SIDES OF PIN ARRANGEMENTS ARE LOOKED AT FROM  
THE OTHER CONNECTOR.
  - ELECTRIC WIRE BETWEEN CD AND KJ SHOULD NOT HAVE  
ELECTRIC BRANCHES OR JUNCTIONS.
  - PUT THE PART NO. LABEL ON THE HARNESS.
  - CB TYPE CONNECTORS ARE MADE OF PURE BRASS WITH NO CLOTHING.
  - COLOR ABBREVIATIONS ARE DRAWN BASED ON JASO D607.
  - USE LEAD-FREE PARTS. (WIRE, COT, TAPE AND etc.)
  - SYMBOLS ARE DRAWN BASED ON #4259303.

ASSEMBLE ECI AND ST\_ECI2 AND ST\_EC2,EM\_EC1 AND  
EM\_EC2 BEFORE SHIPMENT.

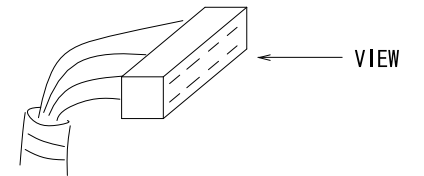
# ZAXIS225US-3 CLASS/225USR-3 CLASS CONSOLE HARNESS

| No. | SIZE | COL. | CIRCUIT   |           | COMMENT |
|-----|------|------|-----------|-----------|---------|
|     |      |      | FROM      | TO        |         |
| 34  | 0.3  | BG   | SW-BOX-7  | JOINT2-7  |         |
| 35  | 0.3  | BR   | SW-BOX-14 | JOINT2-14 |         |
| 38  | 0.3  | G    | SW-BOX-6  | JOINT2-6  |         |
| 41  | 0.5  | GB   | PD_SW-2   | JOINT3-1  |         |
| 48  | 0.3  | G    | SW-BOX-12 | JOINT2-12 |         |
| 120 | 0.5  | B    | PD_SW-1   | (587)     |         |
| 205 | 0.3  | R    | SW-BOX-9  | JOINT2-9  |         |
| 206 | 0.3  | RB   | SW-BOX-10 | JOINT2-10 |         |
| 207 | 0.3  | RW   | SW-BOX-11 | JOINT2-11 |         |
| 228 | 0.3  | G    | SW-BOX-8  | JOINT2-8  |         |
| 229 | 0.3  | GW   | SW-BOX-15 | JOINT2-15 |         |
| 230 | 0.3  | LB   | SW-BOX-16 | JOINT2-16 |         |
| 511 | 3    | R    | KEY_SW-1  | JOINT1-1  |         |
| 522 | 3    | LW   | KEY_SW-5  | JOINT1-5  |         |
| 566 | 0.3  | YR   | RADIO-3   | JOINT3-8  |         |
| 568 | 0.3  | RL   | RADIO-4   | JOINT3-7  |         |
| 569 | 0.3  | Gy   | RADIO-1   | JOINT3-2  |         |
| 570 | 0.3  | W    | RADIO-5   | JOINT3-3  |         |
| 571 | 0.3  | GyR  | RADIO-2   | JOINT3-5  |         |
| 572 | 0.3  | WB   | RADIO-6   | JOINT3-6  |         |
| 573 | 0.3  | B    | RADIO-7   | JOINT3-9  |         |
| 586 | 0.3  | R    | SW-BOX-5  | JOINT2-5  |         |
| 587 | 0.3  | B    | SW-BOX-4  | JOINT2-4  |         |
| 607 | 3    | W    | KEY_SW-4  | JOINT1-4  |         |
| 900 | 1.25 | WR   | KEY_SW-6  | JOINT1-6  |         |
| 901 | 0.3  | Y    | SW-BOX-1  | JOINT2-1  |         |
| 902 | 0.3  | BrW  | SW-BOX-2  | JOINT2-2  |         |
| 903 | 0.3  | ¥WY  | SW-BOX-3  | JOINT2-3  |         |



**NOTES**

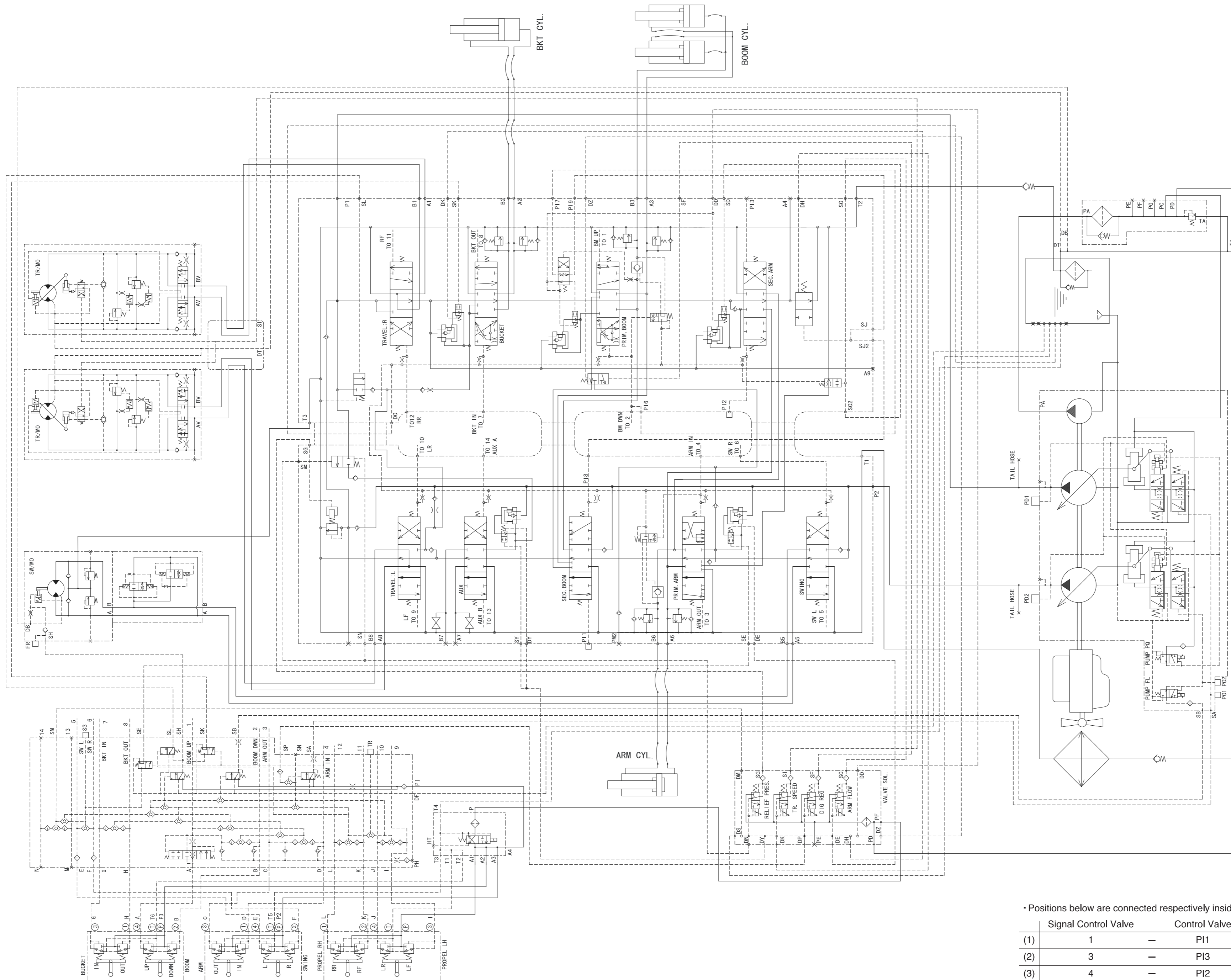
- EACH WIRE TYPE IS AS FOLLOWS.  
 1.25 mm<sup>2</sup> OR LESS : CAVS  
 MORE THAN 2mm<sup>2</sup> : AVS  
 BUT, IN THE CASE OF THE WIRE WITH COMMENTS,  
 THE WIRE TYPE OF COMMENTS IS ADOPTED.
- THE SIDES OF PIN ARRANGEMENTS ARE LOOKED AT FROM THE OTHER CONNECTOR.
- PUT THE PART NO. LABEL ON THE HARNESS.
- COLOR ABBREVIATIONS ARE DRAWN BASED ON JASO D607.
- SYMBOLS ARE DRAWN BASED ON #X4259303.
- USE LEAD-FREE PARTS. (WIRE, COT, TAPE AND etc.)





# ZAXIS200-3 CLASS/225US-3 CLASS/225USR-3 CLASS/240-3 CLASS/270-3 CLASS HYDRAULIC CIRCUIT DIAGRAM

NOTE: Refer to the PERFORMANCE STANDARD in the technical manual for the relief valve pressure setting value.



• Positions below are connected respectively inside.

|     | Signal Control Valve | Control Valve |
|-----|----------------------|---------------|
| (1) | 1                    | P11           |
| (2) | 3                    | PI3           |
| (3) | 4                    | PI2           |



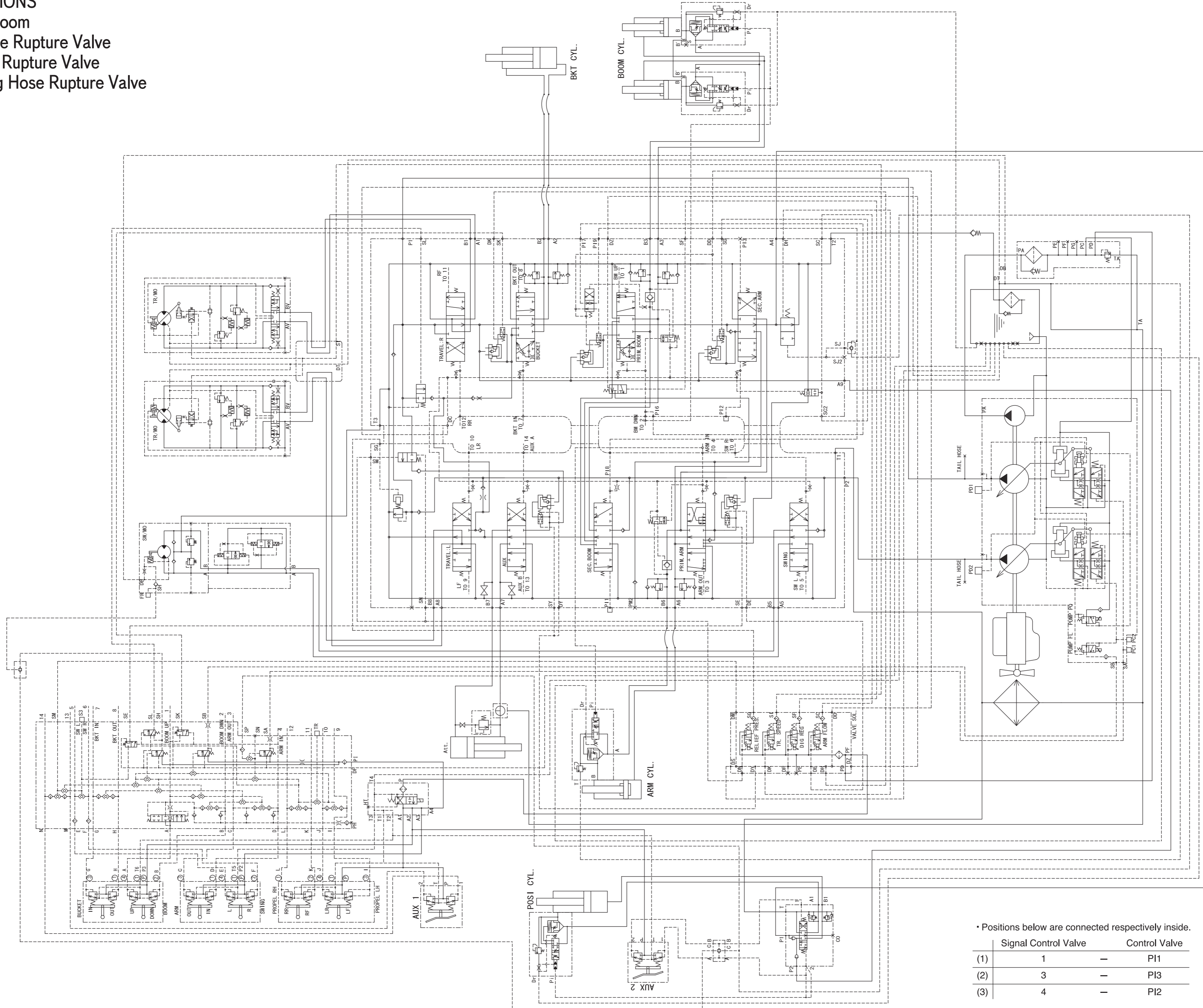


# ZAXIS240-3 CLASS/270-3 CLASS HYDRAULIC CIRCUIT DIAGRAM

## SPECIFICATIONS

- 2-Piece Boom
- Boom Hose Rupture Valve
- Arm Hose Rupture Valve
- Positioning Hose Rupture Valve

NOTE: Refer to the PERFORMANCE STANDARD in the technical manual for the relief valve pressure setting value.



• Positions below are connected respectively inside.

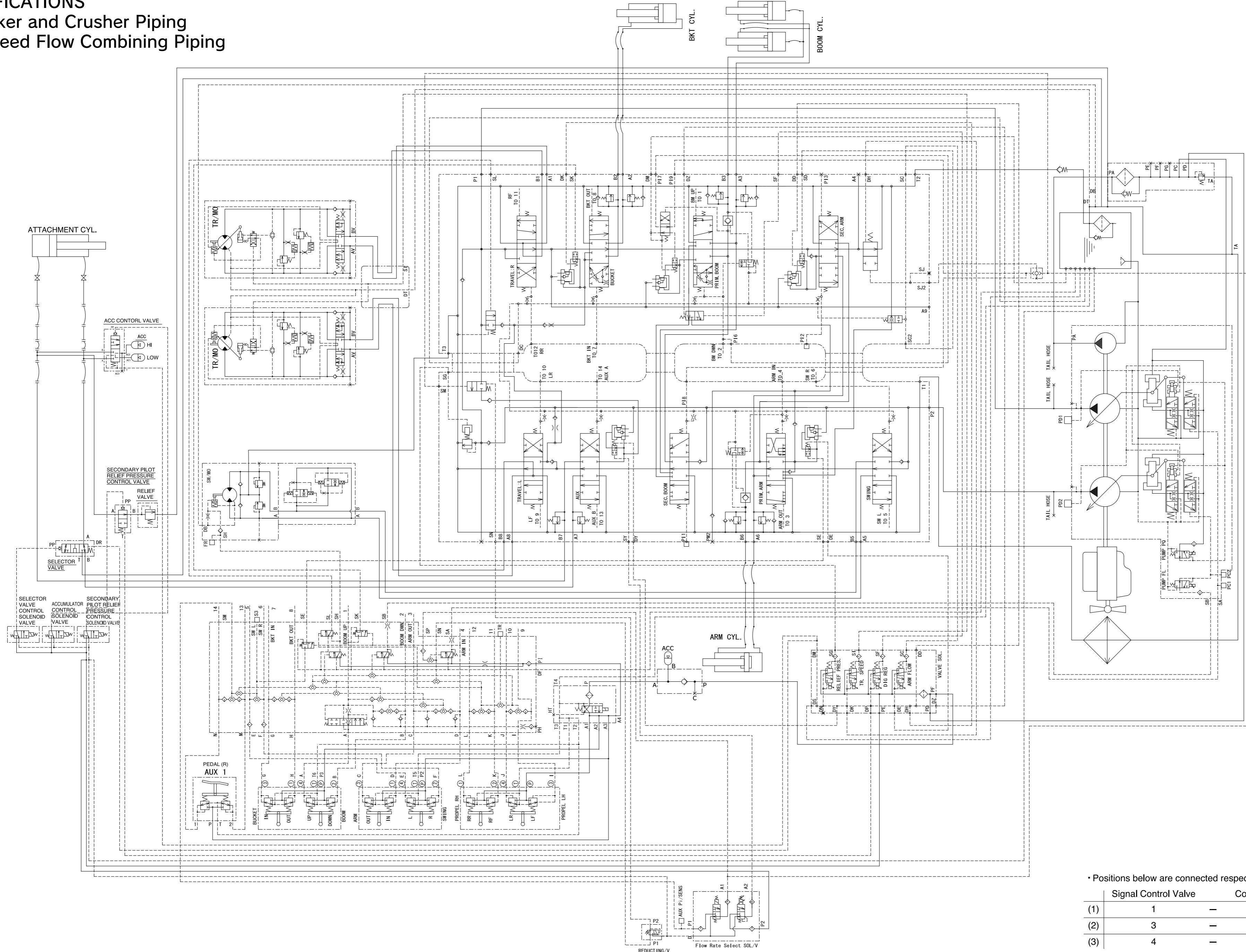
|     | Signal Control Valve | Control Valve |
|-----|----------------------|---------------|
| (1) | 1                    | P11           |
| (2) | 3                    | P13           |
| (3) | 4                    | P12           |

# ZAXIS200-3 CLASS/225US-3 CLASS/225USR-3 CLASS/240-3 CLASS/270-3 CLASS HYDRAULIC CIRCUIT DIAGRAM

NOTE: Refer to the PERFORMANCE STANDARD in the technical manual for the relief valve pressure setting value.

## SPECIFICATIONS

- Breaker and Crusher Piping
- 2-Speed Flow Combining Piping



• Positions below are connected respectively inside.

|     | Signal Control Valve | Control Valve |
|-----|----------------------|---------------|
| (1) | 1                    | PI1           |
| (2) | 3                    | PI3           |
| (3) | 4                    | PI2           |