

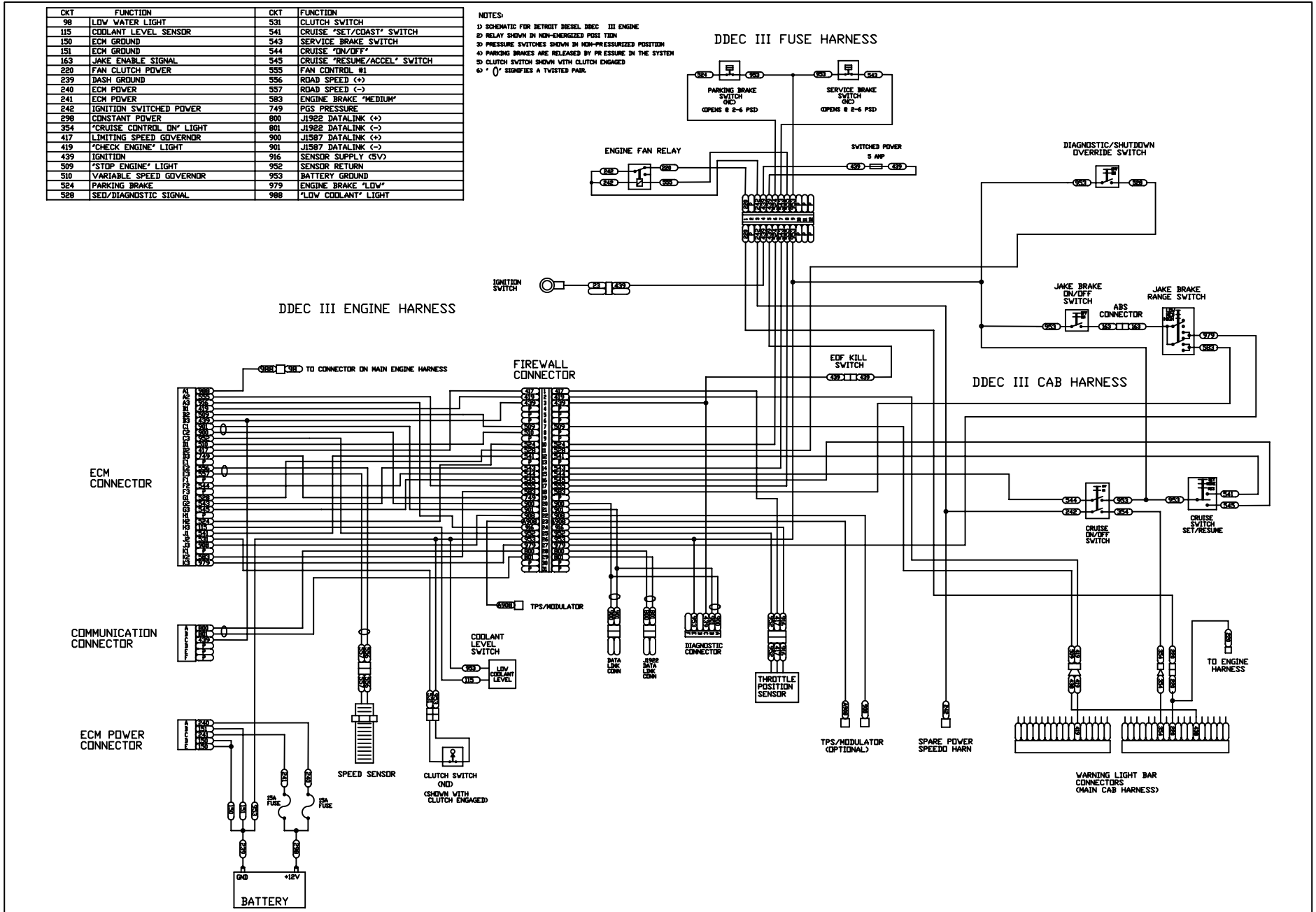
| CKT | FUNCTION                  | CKT | FUNCTION                     |
|-----|---------------------------|-----|------------------------------|
| 98  | LOW WATER LIGHT           | 531 | CLUTCH SWITCH                |
| 115 | COOLANT LEVEL SENSOR      | 541 | CRUISE "SET/COAST" SWITCH    |
| 150 | ECM GROUND                | 543 | SERVICE BRAKE SWITCH         |
| 151 | ECM GROUND                | 544 | CRUISE "ON/OFF"              |
| 163 | JAKE ENABLE SIGNAL        | 545 | CRUISE "RESUME/ACCEL" SWITCH |
| 220 | FAN CLUTCH POWER          | 555 | FAN CONTROL #1               |
| 239 | DASH GROUND               | 556 | ROAD SPEED (+)               |
| 240 | ECM POWER                 | 557 | ROAD SPEED (-)               |
| 241 | ECM POWER                 | 583 | ENGINE BRAKE "MEDIUM"        |
| 242 | IGNITION SWITCHED POWER   | 749 | PGS PRESSURE                 |
| 296 | CONSTANT POWER            | 800 | J1922 DATALINK (+)           |
| 354 | *CRUISE CONTROL ON* LIGHT | 801 | J1922 DATALINK (-)           |
| 417 | LIMITING SPEED GOVERNOR   | 900 | J1587 DATALINK (+)           |
| 419 | *CHECK ENGINE* LIGHT      | 901 | J1587 DATALINK (-)           |
| 439 | IGNITION                  | 916 | SENSOR SUPPLY (SV)           |
| 509 | *STOP ENGINE* LIGHT       | 952 | SENSOR RETURN                |
| 510 | VARIABLE SPEED GOVERNOR   | 953 | BATTERY GROUND               |
| 524 | PARKING BRAKE             | 979 | ENGINE BRAKE "LOW"           |
| 528 | SED/DIAGNOSTIC SIGNAL     | 988 | *LOW COOLANT* LIGHT          |

NOTES:  
 1) SCHEMATIC FOR NETRUM DIESEL DDEC III ENGINE  
 2) RELAY SHOWN IN NON-ENERGIZED POSITION  
 3) PRESSURE SWITCHES SHOWN IN NON-PRESSURIZED POSITION  
 4) PARKING BRAKES ARE RELEASED BY PRESSURE IN THE SYSTEM  
 5) CLUTCH SWITCH SHOWN WITH CLUTCH ENGAGED  
 6) \* / \* SIGNIFIES A TWISTED PAIR

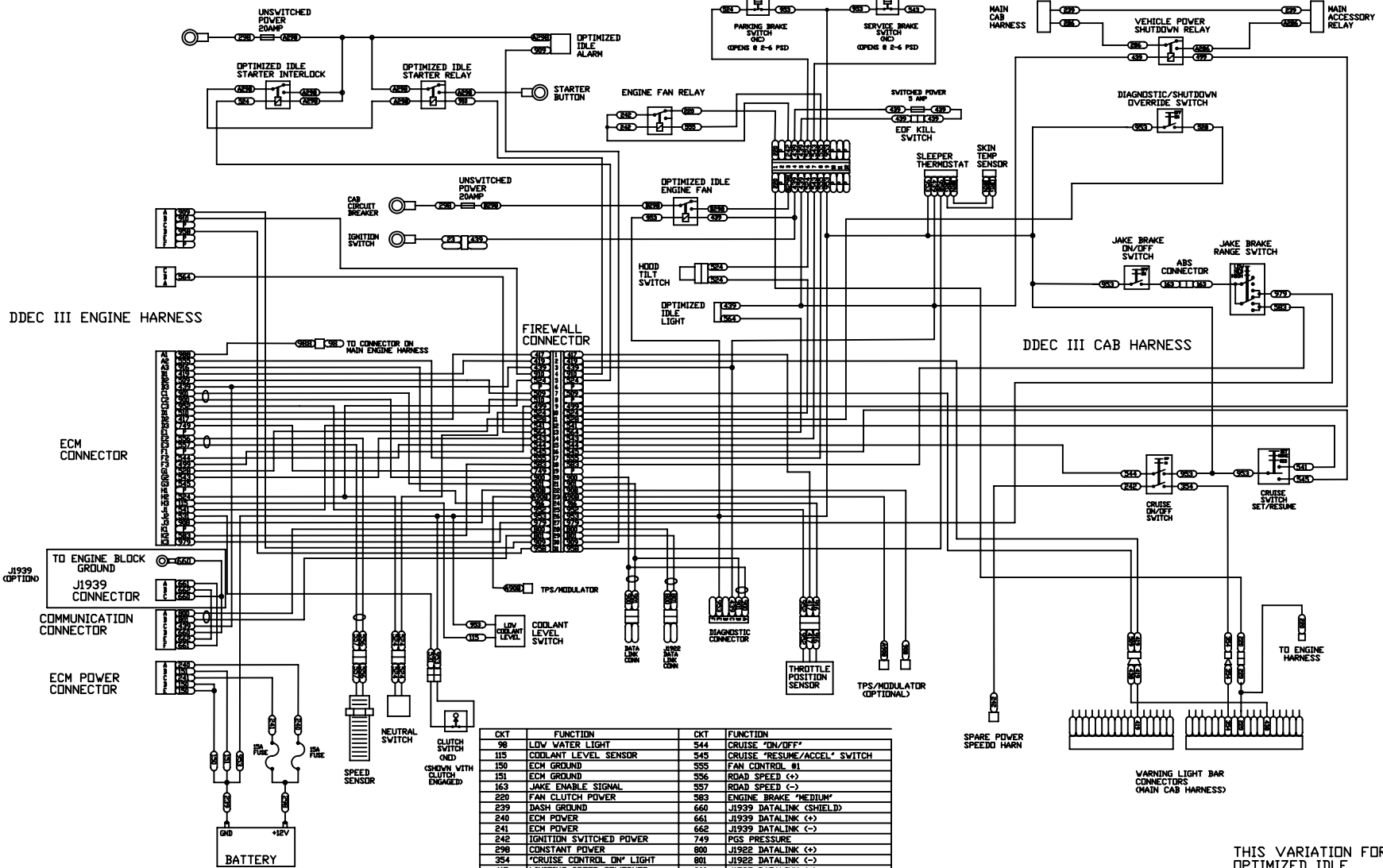
DDEC III FUSE HARNESS

DDEC III ENGINE HARNESS

DDEC III CAB HARNESS



DDEC III FUSE HARNESS



| CKT | FUNCTION                  | CKT | FUNCTION                               |
|-----|---------------------------|-----|--|
| 98  | LOW WATER LIGHT           | 544 | CRUISE "ON/OFF" SWITCH                 |
| 115 | COOLANT LEVEL SENSOR      | 545 | CRUISE "RESUME/ACCEL" SWITCH           |
| 150 | ECM GROUND                | 555 | FAN CONTROL #1                         |
| 151 | ECM GROUND                | 556 | ROAD SPEED (+)                         |
| 163 | JAKE ENABLE SIGNAL        | 557 | ROAD SPEED (-)                         |
| 220 | FAN CLUTCH POWER          | 583 | ENGINE BRAKE "MEDIUM"                  |
| 239 | DASH GROUND               | 660 | J1939 DATALINK (SHIELD)                |
| 240 | ECM POWER                 | 661 | J1939 DATALINK (+)                     |
| 241 | ECM POWER                 | 662 | J1939 DATALINK (-)                     |
| 242 | IGNITION SWITCHED POWER   | 749 | PGS PRESSURE                           |
| 298 | CONSTANT POWER            | 800 | J1922 DATALINK (+)                     |
| 324 | "CRUISE CONTROL ON" LIGHT | 801 | J1922 DATALINK (-)                     |
| 417 | LIMITING SPEED GOVERNOR   | 900 | J1587 DATALINK (+)                     |
| 419 | "CHECK ENGINE" LIGHT      | 901 | J1587 DATALINK (-)                     |
| 439 | IGNITION                  | 902 | PVM #2 - OPTIMIZED IDLE ALARM          |
| 499 | VEHICLE POWER SHUTDOWN    | 910 | PVM #3 - OPTIMIZED IDLE START          |
| 509 | "STOP ENGINE" LIGHT       | 916 | SENSOR SUPPLY (SV)                     |
| 510 | VARIABLE SPEED GOVERNOR   | 952 | SENSOR RETURN                          |
| 524 | PARKING BRAKE             | 953 | BATTERY GROUND                         |
| 528 | SD/DIAGNOSTIC SIGNAL      | 958 | ALWS-OPTIMIZED IDLE SLEEPER THERMISTAT |
| 531 | CLUTCH SWITCH             | 988 | "LOW COOLANT" LIGHT                    |
| 541 | CRUISE "SET/COAST" SWITCH | 979 | ENGINE BRAKE "LOW"                     |
| 543 | SERVICE BRAKE SWITCH      |     |  |

THIS VARIATION FOR OPTIMIZED IDLE

- NOTES:
- 1) SCHEMATIC FOR DETROIT DIESEL, DDEC III ENGINE
  - 2) RELAY SHOWN IN NON-ENERGIZED POSN TYP
  - 3) PRESSURE SWITCHES SHOWN IN NON-PRESSURIZED POSITION
  - 4) PARKING BRAKES ARE RELEASED BY AIR PRESSURE IN THE SYSTEM
  - 5) CLUTCH SWITCH SHOWN WITH CLUTCH ENGAGED
  - 6) \* ( ) SIGNIFIES A TWISTED PAIR

