

15-PIN CONNECTOR

- 15/1 TRANS NEUTRAL Sw
- 15/2 DUAL SPEED AXLE
- 15/3 VSS +
- 15/4 VSS -
- 15/5 NOT USED
- 15/6 NOT USED
- 15/7 ENGINE COOLANT LEVEL SENSOR
- 15/8 NOT USED
- 15/9 AGS2 BACKUP LAMP OUTPUT/COOLANT LEVEL LOW LAMP
- 15/10 GRID HEATER
- 15/11 OI ACTIVE LAMP
- 15/12 STARTER LOCKOUT / OI ALARM
- 15/13 MBE PROPRIETARY CAN (+)
- 15/14 MBE PROPRIETARY CAN SHIELD
- 15/15 MBE PROPRIETARY CAN (-)

18-PIN CONNECTOR

- 18/1 VEHICLE POWER SHUTDOWN
- 18/2 CLUTCH SWITCH 1
- 18/3 IDLE VALIDATION GROUND
- 18/4 CRUISE CONTROL, SET/COAST
- 18/5 CRUISE CONTROL, RES/ACCEL
- 18/6 CRUISE CONTROL, ON/OFF
- 18/7 REMOTE ACCELERATOR SELECT SWITCH
- 18/8 ENGINE BRAKE LOW
- 18/9 ENGINE BRAKE HIGH
- 18/10 REMOTE PTO SWITCH
- 18/11 LIMITER 0
- 18/12 LIMITER 1
- 18/13 ENGINE SHUTDOWN OVERRIDE
- 18/14 AIR CONDITION STATUS
- 18/15 FAN OVERRIDE
- 18/16 THROTTLE INHIBIT
- 18/17 REMOTE THROTTLE +5V SUPPLY
- 18/18 REMOTE THROTTLE SIGNAL

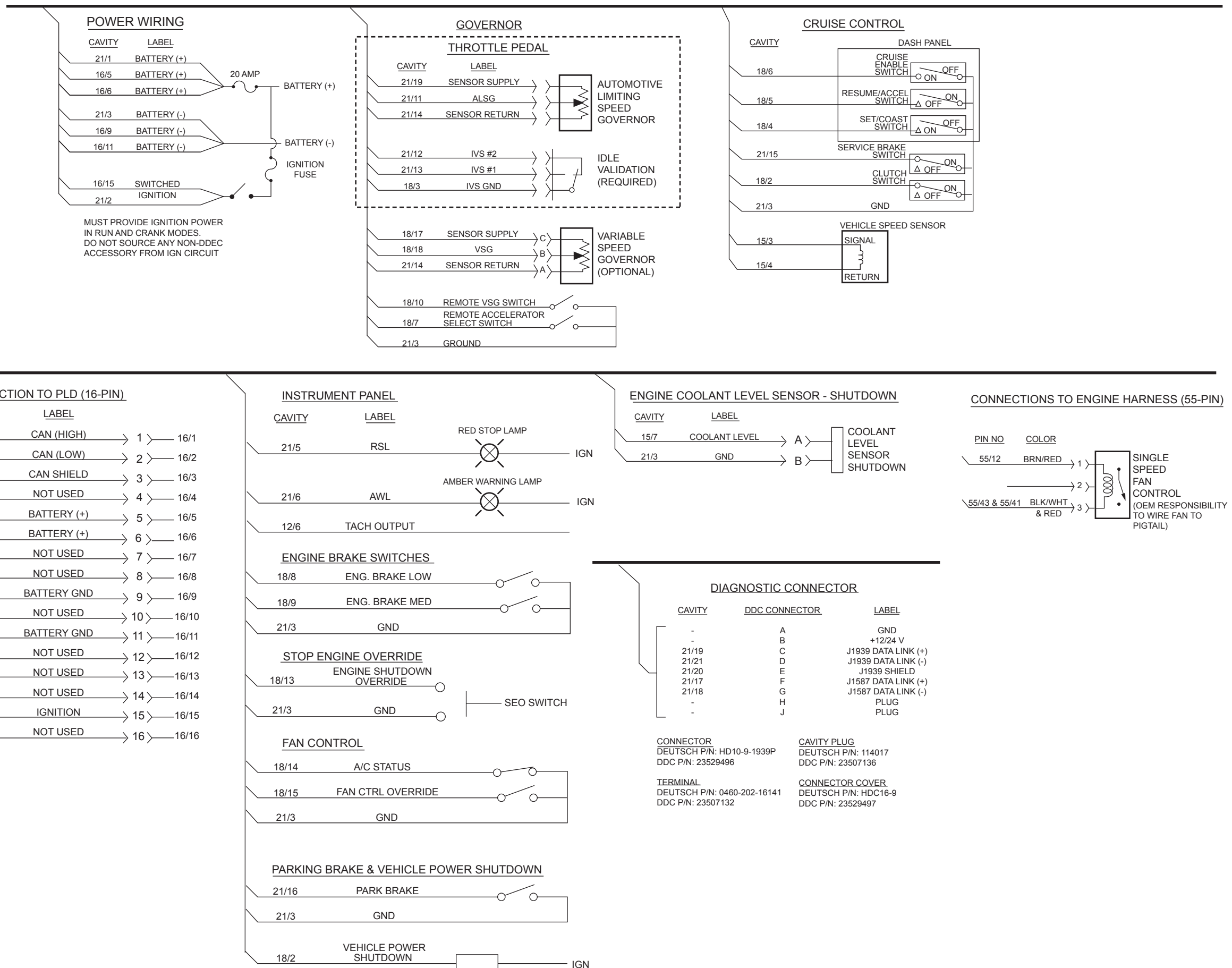
12-PIN CONNECTOR

- 12/1 ENGINE START
- 12/2 NOT USED
- 12/3 OIL PRESSURE GAUGE/WARNING LAMP/FRS
- 12/4 OI THERMOSTAT/AGS2 CHECK TRANS LIGHT
- 12/5 AGS2 TRANS TEMP LIGHT
- 12/6 TACH OUT
- 12/7 NOT USED
- 12/8 OI HOOD TILT SWITCH
- 12/9 NOT USED
- 12/10 NOT USED
- 12/11 ENGINE STOP
- 12/12 NOT USED

21-PIN CONNECTOR

- 21/1 BATTERY VOLTAGE
- 21/2 IGNITION (+12V)
- 21/3 BATTERY GROUND
- 21/4 NOT USED
- 21/5 RED STOP LAMP
- 21/6 AMBER WARNING LAMP
- 21/7 WAIT TO START LAMP
- 21/8 NOT USED
- 21/9 THROTTLE PEDAL POWER +5V SUPPLY
- 21/10 PLUG (NOT USED, MUST BE PLUGGED)
- 21/11 THROTTLE PEDAL SIGNAL
- 21/12 VALIDATION 2 (THROTTLE ACTIVE)
- 21/13 IDLE VALIDATION 1 (IDLE ACTIVE)
- 21/14 THROTTLE PEDAL SENSOR RETURN
- 21/15 SERVICE BRAKE SWITCH
- 21/16 PARK BRAKE SWITCH
- 21/17 SAE J1587 (+)
- 21/18 SAE J1587 (-)
- 21/19 SAE J1939 (+)
- 21/20 J1939 SHIELD
- 21/21 SAE J1939 (-)

All information subject to change without notice. (Rev. 09/05)
7SA825 0509 Copyright © 2005 DETROIT DIESEL CORPORATION



DDEC FOR MBE (MBE 900/4000) VEHICLE INTERFACE HARNESS