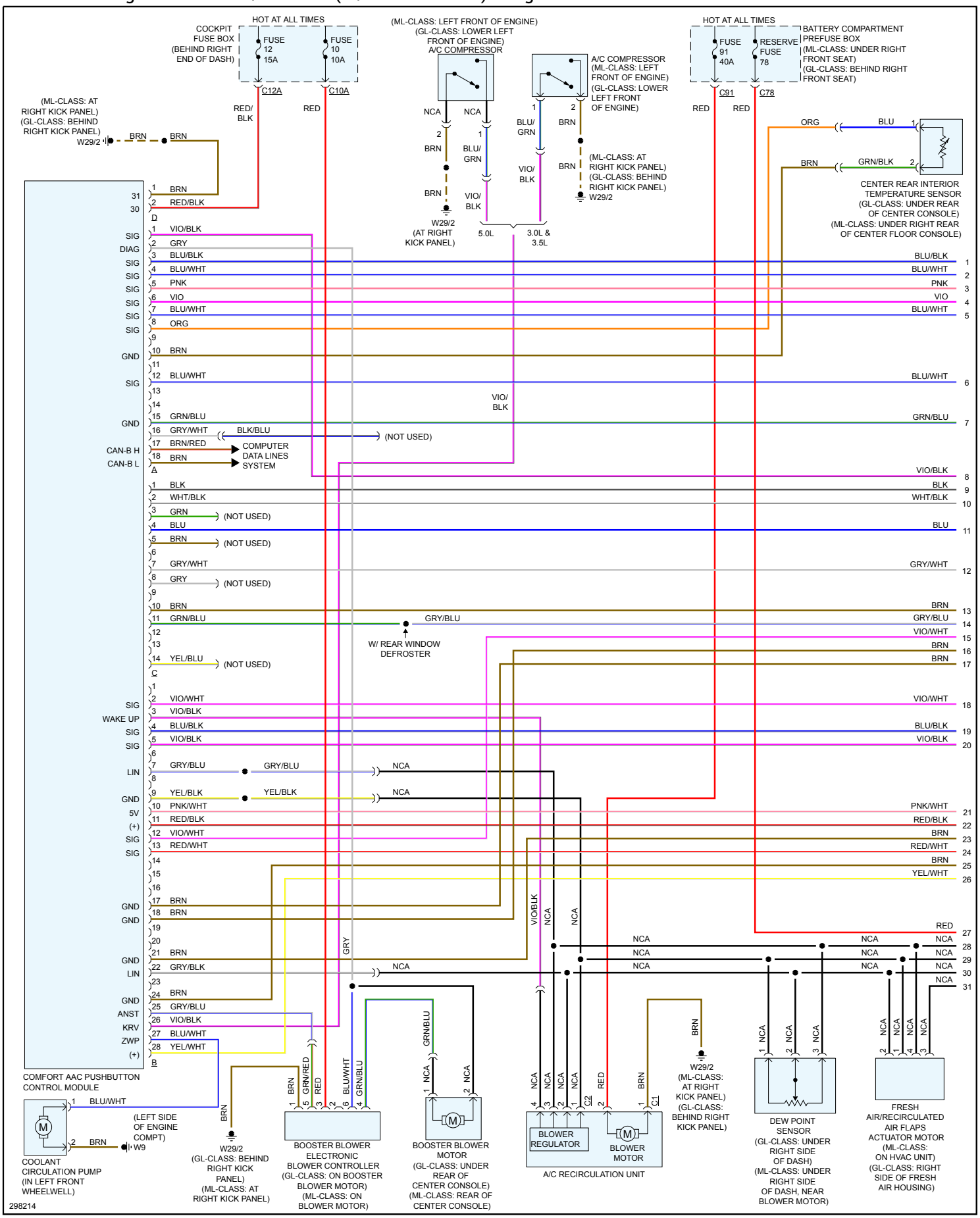
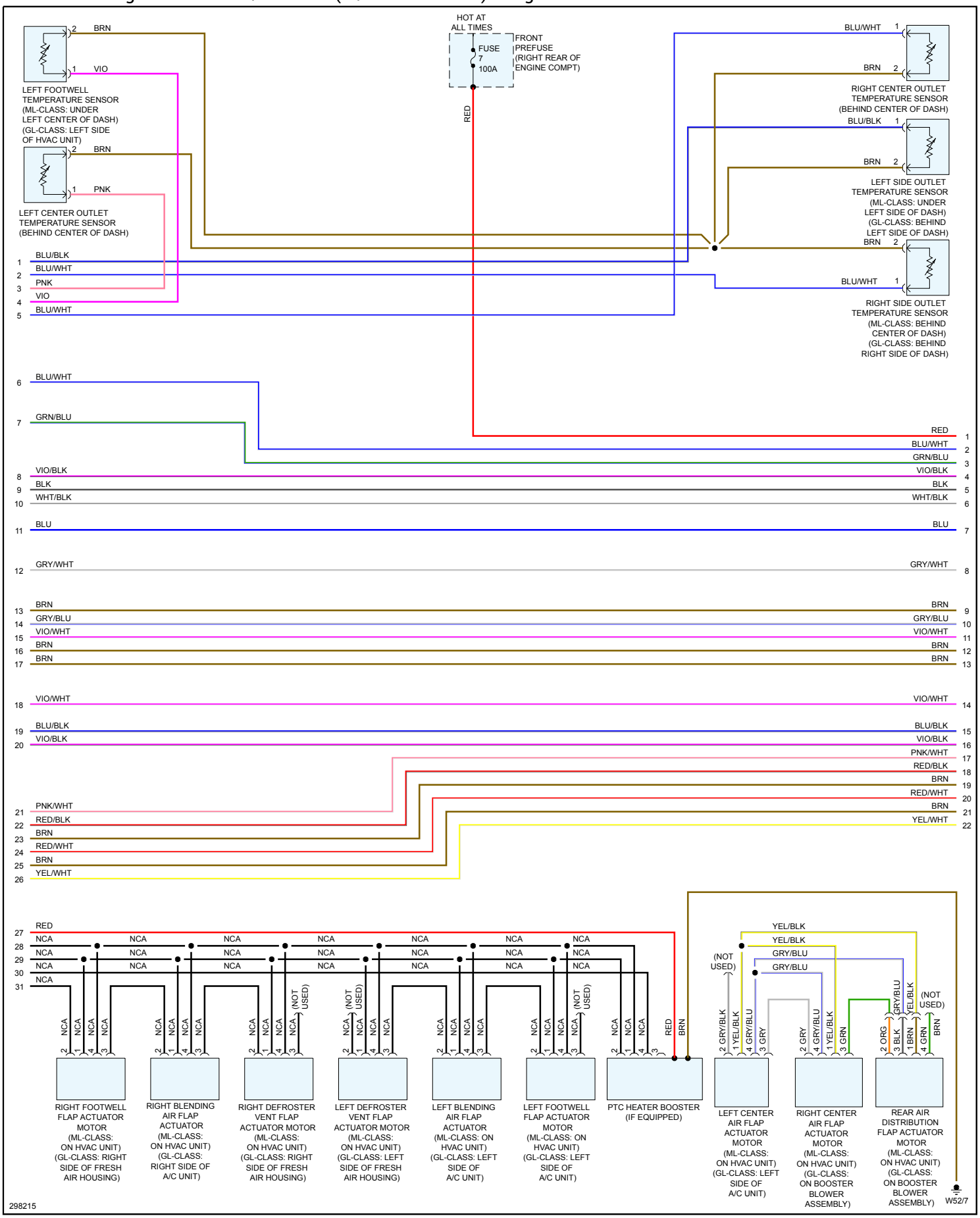
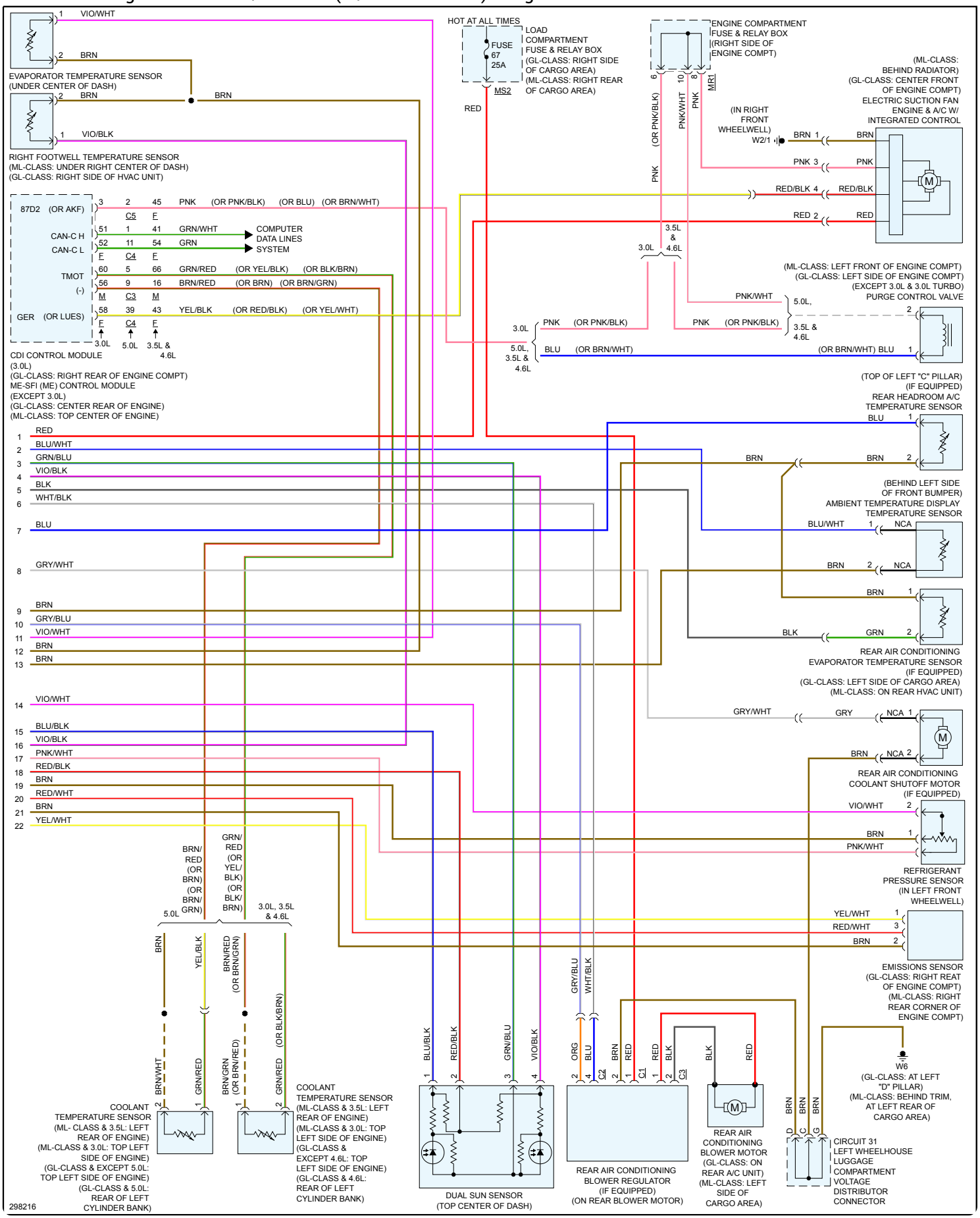
2007 Mercedes Benz Truck GL 450 (164.871) V8-4.6L (273.923)

Vehicle > Heating and Air Conditioning > Diagrams > Electrical - Interactive Color (Non OE)

Air Conditioning - Automatic A/C Circuit (W/ Thermotronic) - Page 1 of 3




HOT AT ALL TIMES
FUSE 7 100A
FRONT PREFUSE (RIGHT REAR OF ENGINE COMPT)
RED
LEFT FOOTWELL TEMPERATURE SENSOR (ML-CLASS: UNDER LEFT CENTER OF DASH) (GL-CLASS: LEFT SIDE OF HVAC UNIT)
LEFT CENTER OUTLET TEMPERATURE SENSOR (BEHIND CENTER OF DASH)
RIGHT CENTER OUTLET TEMPERATURE SENSOR (BEHIND CENTER OF DASH)
LEFT SIDE OUTLET TEMPERATURE SENSOR (ML-CLASS: UNDER LEFT SIDE OF DASH) (GL-CLASS: BEHIND LEFT SIDE OF DASH)
RIGHT SIDE OUTLET TEMPERATURE SENSOR (ML-CLASS: BEHIND CENTER OF DASH) (GL-CLASS: BEHIND RIGHT SIDE OF DASH)
RIGHT FOOTWELL FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: RIGHT SIDE OF FRESH AIR HOUSING)
RIGHT BLENDING AIR FLAP ACTUATOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: RIGHT SIDE OF A/C UNIT)
RIGHT DEFROSTER VENT FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: RIGHT SIDE OF FRESH AIR HOUSING)
LEFT DEFROSTER VENT FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: LEFT SIDE OF FRESH AIR HOUSING)
LEFT BLENDING AIR FLAP ACTUATOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: LEFT SIDE OF A/C UNIT)
LEFT FOOTWELL FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: LEFT SIDE OF A/C UNIT)
PTC HEATER BOOSTER (IF EQUIPPED)
LEFT CENTER AIR FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: LEFT SIDE OF A/C UNIT)
RIGHT CENTER AIR FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: ON BOOSTER BLOWER ASSEMBLY)
REAR AIR DISTRIBUTION FLAP ACTUATOR MOTOR (ML-CLASS: ON HVAC UNIT) (GL-CLASS: ON BOOSTER BLOWER ASSEMBLY)
W52/7
298215


EVAPORATOR TEMPERATURE SENSOR (UNDER CENTER OF DASH)
RIGHT FOOTWELL TEMPERATURE SENSOR (ML-CLASS: UNDER RIGHT CENTER OF DASH) (GL-CLASS: RIGHT SIDE OF HVAC UNIT)
CDI CONTROL MODULE (3.0L) (GL-CLASS: RIGHT REAR OF ENGINE COMPT) ME-SFI (ME) CONTROL MODULE (EXCEPT 3.0L) (GL-CLASS: CENTER REAR OF ENGINE) (ML-CLASS: TOP CENTER OF ENGINE)
COMPUTER DATA LINES SYSTEM
HOT AT ALL TIMES
FUSE 67 25A
LOAD COMPARTMENT FUSE & RELAY BOX (GL-CLASS: RIGHT SIDE OF CARGO AREA) (ML-CLASS: RIGHT REAR OF CARGO AREA)
ENGINE COMPARTMENT FUSE & RELAY BOX (RIGHT SIDE OF ENGINE COMPT)
(ML-CLASS: BEHIND RADIATOR) (GL-CLASS: CENTER FRONT OF ENGINE COMPT) ELECTRIC SUCTION FAN ENGINE & A/C W/ INTEGRATED CONTROL
(IN RIGHT FRONT WHEELWELL)
(ML-CLASS: LEFT FRONT OF ENGINE COMPT) (GL-CLASS: LEFT SIDE OF ENGINE COMPT) (EXCEPT 3.0L & 3.0L TURBO) PURGE CONTROL VALVE
(TOP OF LEFT "C" PILLAR) (IF EQUIPPED) REAR HEADROOM A/C TEMPERATURE SENSOR
(BEHIND LEFT SIDE OF FRONT BUMPER) AMBIENT TEMPERATURE DISPLAY TEMPERATURE SENSOR
REAR AIR CONDITIONING EVAPORATOR TEMPERATURE SENSOR (IF EQUIPPED) (GL-CLASS: LEFT SIDE OF CARGO AREA) (ML-CLASS: ON REAR HVAC UNIT)
REAR AIR CONDITIONING COOLANT SHUTOFF MOTOR (IF EQUIPPED)
REFRIGERANT PRESSURE SENSOR (IN LEFT FRONT WHEELWELL)
EMISSIONS SENSOR (GL-CLASS: RIGHT REAT OF ENGINE COMPT) (ML-CLASS: RIGHT REAR CORNER OF ENGINE COMPT)
W6 (GL-CLASS: AT LEFT "D" PILLAR) (ML-CLASS: BEHIND TRIM, AT LEFT REAR OF CARGO AREA)
COOLANT TEMPERATURE SENSOR (ML- CLASS & 3.5L: LEFT REAR OF ENGINE) (ML-CLASS & 3.0L: TOP LEFT SIDE OF ENGINE) (GL-CLASS & EXCEPT 5.0L: TOP LEFT SIDE OF ENGINE) (GL-CLASS & 5.0L: REAR OF LEFT CYLINDER BANK)
COOLANT TEMPERATURE SENSOR (ML-CLASS & 3.5L: LEFT REAR OF ENGINE) (ML-CLASS & 3.0L: TOP LEFT SIDE OF ENGINE) (GL-CLASS & EXCEPT 4.6L: TOP LEFT SIDE OF ENGINE) (GL-CLASS & 4.6L: REAR OF LEFT CYLINDER BANK)
DUAL SUN SENSOR (TOP CENTER OF DASH)
REAR AIR CONDITIONING BLOWER REGULATOR (IF EQUIPPED) (ON REAR BLOWER MOTOR)
REAR AIR CONDITIONING BLOWER MOTOR (GL-CLASS: ON REAR A/C UNIT) (ML-CLASS: LEFT SIDE OF CARGO AREA)
CIRCUIT 31 LEFT WHEELHOUSE LUGGAGE COMPARTMENT VOLTAGE DISTRIBUTOR CONNECTOR
298216