

## BATTERY JUNCTION BOX [BCMC]

| Fuse | Amps                | Circuits protected                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| F1   | 40<br>RP1           | Body Control Module (BCM)                                                                                                                                                                                                                                                                                                                                                                                                               |
| F3   | 40<br>RP2           | Body Control Module (BCM)                                                                                                                                                                                                                                                                                                                                                                                                               |
| F4   | 30                  | Fuel pump control module<br>Powertrain Control Module (PCM)<br>Fuel injectors                                                                                                                                                                                                                                                                                                                                                           |
| F5   | 5                   | Powertrain Control Module (PCM)<br>Secondary On-Board Diagnostic Control Module C (SOBDMC)                                                                                                                                                                                                                                                                                                                                              |
| F6   | 25                  | Powertrain Control Module (PCM)                                                                                                                                                                                                                                                                                                                                                                                                         |
| F7   | 20                  | Heated oxygen sensors<br>Evaporative emission (EVAP) purge valve<br>Variable camshaft timing solenoids<br>Evaporative emission (EVAP) canister vent valve<br>Fuel Vapor Vent Valve (FVVV)<br>Evaporative emission (EVAP) leak detection control module<br>Fuel Tank Isolation Valve (FTIV)<br>Cylinder deactivation solenoids<br>Reductant pump control module<br>Exhaust Gas Recirculation (EGR) Cooler Bypass Valve (EGRCBV) solenoid |
| F8   | 10<br>Gas<br>Diesel | Front Active Air Dam (AAD) actuator RH<br>Lower active grille shutter actuator<br>Upper active grille shutter actuator<br>Turbocharger Bypass (TCBY) valve<br>Oil pressure control solenoid<br>Cabin heater coolant pump<br>Transmission fluid heater coolant control valve<br>Air Conditioning (A/C) compressor control solenoid<br>Air Conditioning Control Module (ACCM)                                                             |
|      | 20<br>HEV           | Exhaust heat exchanger valve<br>Fuel filler door release solenoid<br>Engine cooling fan relay 1<br>Engine cooling fan relay 2<br>Auxiliary battery isolator<br>Crankcase ventilation heater<br>Cooling fan<br>Exhaust tailpipe actuator LH<br>Exhaust tailpipe actuator RH                                                                                                                                                              |
| F9   | 20                  | Ignition coil-on-plugs<br>Ignition transformer capacitor<br>Glow Plug Control Module (GPCM)<br>Particulate matter bank 1, sensor 1 (PM11) module<br>NOx sensor modules<br>Reductant level sensor                                                                                                                                                                                                                                        |
| F10  | 20                  | Fuel Rail Pressure Relief Valve (FRPRV)<br>Fuel Volume Control Valve (FVCV) solenoid                                                                                                                                                                                                                                                                                                                                                    |