## RAM Truck PDC

| Cavity | Rating | Case | Type | Description |
|---|---|---|---|---|
| CB1 | 25A | 04692143AA | (ATM MAXI Breaker) | PWR RR WINDOWS |
| CB2 | 25A | CB212 | ATM (long) | PWR SEAT DRIVER https://cooper-bussmann.com/products/Automotive-Electrical/CB212_Type_II_ATM_Footprint_Circuit_Breaker_169.html |
| CB3 | 25A | CB212 | ATM (long) | PWR SEAT PASS https://www.grainger.com/product/BUSSMANN-CB212-Series-Automotive-Circuit-5KDL7 |

| Cavity | Relay | Case | Part Number | Description |
|---|---|---|---|---|
| K01 | SPARE | | | |
| K02 | RAD FAN HI SPD | | | |
| K03 | AIR SUSP | | 897H-1AH-D-R1-U02 | P/N: 13742705 |
| K04 | PZEV | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K05 | ASD | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K06 | RUN/ACC #1 | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K07 | START SOL | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K08 | RUN/START | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K09 | BRAKE VAV PMP/FUEL HTR | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K10 | EBL | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K11 | SPARE | | | |
| K12 | RUN/ONLY #2 | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K13 | FRAME/FUEL HTR | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K14 | RUN/ACC #2 | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K15 | RUN/ONLY #1 | | 871E-1A-D-R1 U15 | P/N: 19180A31 |
| K16 | BLOWER MTR | | 871E-1A-D-R1 U15 | P/N: 19180A31 |

| Cavity | Cartridge Fuse | Case | Micro Fuse | Description |
|---|---|---|---|---|
| F01 | 80 Amp Black | | / | Rad Fan Control Module – If Equipped (DS 1500 Only) |
| F02 | 60 Amp Yellow | | / | ABS Pump Motor (HD Only) |
| F03 | 60 Amp Yellow | LPJCASE(FMX) | / | Rad Fan – If Equipped |
| F04 | 50 Amp Red | LPJCASE(FMX) | / | 400W Inverter – If Equipped (HD Only) |
| F05 | 40 Amp Green 50 Amp Red (Special Services Vehicle (SSV)) | LPJCASE(FMX) | / | Compressor For Air Suspension – If Equipped |
| F06 | 40 Amp Green | LPJCASE(FMX) | / | ABS Pump Motor (DS 1500 Only) Steering Torque Overlay Module (STOM) (HD Only) |
| F07 | 40 Amp Green | LPJCASE(FMX) | / | Starter Solenoid |
| F08 | 20 Amp Blue (DS 1500 LD/Cummins Diesel) 40 Amp Green | LPJCASE(FMX) | / | NOX Sensor – If Equipped Aux Relay Output- SSV Only |
| F09 | 40 Amp Green | LPJCASE(FMX) | / | (SSV & Cummins Diesel) – Aux Relay Output / Diesel Fuel Heater – If Equipped |
| F09 | 30 Amp Pink | LPJCASE(FMX) | / | Brake Vacuum Pump – If Equipped (HD Only) |
| F10 | 40 Amp Green | LPJCASE(FMX) | / | Body Controller / Exterior Lighting #2 |
| F11 | 30 Amp Pink | LPJCASE(FMX) | / | PWR – Trailer Tow Electric Brake Batt Feed – If Equipped (DS 1500 Only) |
| F11 | 40 Amp Green | LPJCASE(FMX) | / | Brake System Module (ECU and Valves) (HD Only) |
| F12 | 40 Amp Green | LPJCASE(FMX) | / | Body Controller #3 |
| F13 | 40 Amp Green | LPJCASE(FMX) | / | |
| F14 | 40 Amp Green | LPJCASE(FMX) | / | Body Controller #4 / Exterior Lighting |
| F15 | 30 Amp Pink | LPJCASE(FMX) | / | |
| F16 | 30 Amp Pink | | / | Smart-Bar Module – If Equipped (HD Only) |
| F17 | 30 Amp Pink | MCASE(FMM) | / | Winch Control Module – If Equipped (HD Only) |
| F18 | SPARE | MCASE(FMM) | / | |
| F19 | 20 Amp Blue (DS 1500 LD Diesel) 30 Amp Pink (Cummins Diesel) | MCASE(FMM) | / | SCR – If Equipped |
| F20 | 30 Amp Pink | MCASE(FMM) | / | Passenger Door Module |
| F21 | 30 Amp Pink | MCASE(FMM) | / | Drive Train Control Module |
| F22 | 20 Amp Blue 25 Amp White (Cummins Diesel) | MCASE(FMM) | / | Engine Control Module GPEC / Heavy Duty / Other – If Equipped PCM – If Equipped |
| F23 | 30 Amp Pink | MCASE(FMM) | / | CBC Feed # 1 |
| F24 | 30 Amp Pink | MCASE(FMM) | / | Driver Door Module |
| F25 | 30 Amp Pink | MCASE(FMM) | / | Front Wiper |
| F26 | 30 Amp Pink | MCASE(FMM) | / | Antilock Brakes / Stability Control Module / Valves – If Equipped (DS 1500 Only) |
| F27 | SPARE | MCASE(FMM) | / | |
| F28 | 20 Amp Blue | MCASE(FMM) | / | Trailer Tow Backup Lights – If Equipped |
| F29 | 20 Amp Blue | MCASE(FMM) | / | Trailer Tow Parking Lights – If Equipped |
| F30 | 30 Amp Pink | MCASE(FMM) | / | Trailer Tow Receptacle / Trailer Tow (Separate E-Brake)/Trailer Tow (BUX) |
| F31 | 30 Amp Pink 20 Amp Blue | SPARE | / | Diesel Heater Control – If Equipped (DS 1500 LD Diesel) Aux Apps SSV Only – If Equipped |
| F32 | SPARE | MCASE(FMM) | / | Aux Feed, Special Services Vehicle-If Equipped (DS 1500 Only) |
| F33 | 20 Amp Blue | MCASE(FMM) | / | Trans Control Module – If Equipped (HD Only) Aux Feed, SSV Only (DS 1500 Only) |
| F34 | 30 Amp Pink | MCASE(FMM) | / | Vehicle System Interface Module #2 – If Equipped (HD Only) | SSV (DS 1500 Only) |
| F35 | 30 Amp Pink | MCASE(FMM) | / | Sunroof – If Equipped |
| F36 | 30 Amp Pink | MCASE(FMM) | / | Electric Back Light – If Equipped |
| F37 | 30 Amp Pink | MCASE(FMM) | / | Fuel Heater #2, Aux Relay 2 – If Equipped (HD Only) SSV (DS 1500 Only) |
| F38 | 30 Amp Pink | MCASE(FMM) | / | Integrated Trailer Brake Module – If Equipped (HD Only) Power Inverter 115 Volts AC – If Equipped (DS 1500 Only) |
| F39 | 20 Amp Blue | | / | Power Outlet – SSV Only |
| F40 | / | ATR (Micro2) | 10 Amp Red | Ventilated Seats–If Equipped (HD Only) |
| F41 | / | ATR (Micro2) | 10 Amp Red | Active Grille Shutter / Active Air Dam – If Equipped |
| F42 | / | ATR (Micro2) | 20 Amp Yellow | Horn |
| F43 | / | ATR (Micro2) | 15 Amp Blue | Heated Steering Wheel – If Equipped (HD Only) |
| F44 | / | ATR (Micro2) | 10 Amp Red | Diagnostic Port |
| F45 | / | ATR (Micro2) | SPARE | |
| F46 | / | ATR (Micro2) | 10 Amp Red | Upfitters Relay Coil – If Equipped (HD Only) Spare (DS 1500 Only) |
| F46 | / | ATR (Micro2) | SPARE | |
| F46 | / | ATR (Micro2) | SPARE | |
| F49 | / | ATR (Micro2) | 10 Amp Red | Instrument Panel Cluster / HVAC (DS 1500 Only) Instrument Cluster / MOD CSG (HD Only) |
| F50 | / | ATR (Micro2) | 20 Amp Yellow | Air Suspension Control Module – If Equipped |
| F51 | / | ATR (Micro2) | 10 Amp Red | Ignition Node Module / Keyless Ignition Node Module, Radio Frequency Hub Module/Electric Steering Column Lock – If Equipped |
| F52 | / | ATR (Micro2) | 5 Amp Tan | Battery Sensor |
| F53 | / | ATR (Micro2) | 20 Amp Yellow | Trailer Tow – Left Turn/Stop Lights - If Equipped |
| F54 | / | ATR (Micro2) | 20 Amp Yellow | Non Memory Adjustable Pedals – If Equipped |
| F55 | / | ATR (Micro2) | SPARE | |
| F56 | | | 15 Amp Blue 10 Amp Red | Additional Diesel Content - If Equipped (DS 1500 Only) Fuel Vapor Blocker Valve - If Equipped (HD Only) |
| F57 | / | ATR (Micro2) | 20 Amp Yellow | TCM/PCM / Solenoid Trans Pressure SW (RFE Trans Only) – If Equipped (HD Only) Transmission (DS 1500 Only) |
| F58 | / | ATR (Micro2) | 10 Amp Red | Bed Lighting (LED) – If Equipped (HD Only) |
| F60 | / | ATR (Micro2) | 15 Amp Blue | Underhood Lamp / TCM – If Equipped (DS 1500 Only) |
| F61 | / | ATR (Micro2) | 10 Amp Red | UREA Sensor / PM Sensor – If Equipped (DS 1500 LD Diesel & Cummins Diesel) |
| F62 | / | ATR (Micro2) | 10 Amp Red | Air Conditioning Clutch |
| F63 | / | ATR (Micro2) | 20 Amp Yellow | Ignition Coils (Gas), Ignition Coils Capacitors (Gas) / Short Runner Valve Actuator / Urea Heater Control Unit (DS 1500 LD Diesel) / RLY Coil Feed-SCR (DS 1500 LD Diesel) |
| F64 | / | ATR (Micro2) | 25 Amp Clear | Fuel Injectors / Powertrain Control Module / SRV – If Equipped |
| F65 | / | ATR (Micro2) | 10 Amp Red | MOD Inverter (Wake Up) / Power Port / USB IP / WCPM – If Equipped (HD Only) Spare (DS 1500 Only) |
| F66 | / | ATR (Micro2) | 10 Amp Red | Sunroof / Light and Rain Sensor Module / Inside Rearview Mirror / Passenger Window SW / USB Port Rear / Feed for R/A RLY #2 Coil – If Equipped |
| F67 | / | ATR (Micro2) | 10 Amp Red | CD / DVD / UCI Port – If Equipped (HD Only) Bluetooth® Hands-Free Module / CD – If Equipped (DS 1500 Only) |
| F68 | / | ATR (Micro2) | 10 Amp Red | AEB RACAM HTR – If Equipped (HD Only) |
| F69 | / | ATR (Micro2) | 15 Amp Blue | SCR Module – If Equipped (HD Only) |
| F70 | / | ATR (Micro2) | 30 Amp Green | Fuel Pump Motor / K09 RLY Coil Feed (Cummins Diesel) – If Equipped |
| F71 | / | ATR (Micro2) | 25 Amp Clear | Amplifier / Active Noise Cancelation – If Equipped (HD Only) |
| F72 | / | ATR (Micro2) | 10 Amp Red | PCM / DC/DC Converter Voltage – If Equipped (DS 1500 Only) |
| F73 | / | ATR (Micro2) | 20 Amp Yellow | Fuel Transfer Pump (Rear Tank) – If Equipped (HD Only) |
| F74 | / | ATR (Micro2) | 20 Amp Yellow 10 Amp Red | Brake Vacuum Pump Gas/Diesel – If Equipped (DS 1500 Only) Backup Alarm – If Equipped (HD Only) |
| F75 | / | ATR (Micro2) | 10 Amp Red | ATMM / Coil-SCR Module RLY– If Equipped (HD Only) Coolant Temperature Valve – If Equipped (DS 1500 Only) |
| F76 | / | ATR (Micro2) | 10 Amp Red | Electronic Stability Control (HD Only) Brake System Module / Stop Lamp Switch / Electric Park Brake / Clutch Pedal Switch (DS 1500 Only) |
| F77 | / | ATR (Micro2) | 10 Amp Red | Drivetrain Control Module / Front Axle Disconnect Module / TCM/ STOM (HD Only) Drivetrain Control Module / ELSD / Front Axle Disconnect Module / Transmission Control Relay / RDM / Power Take Off Unit – If Equipped (DS 1500 Only) |
| F78 | / | ATR (Micro2) | 10 Amp Red | Engine Control Module / Powertrain Control Module / Electric Power Steering (DS 1500 Only) |
| F78 | / | ATR (Micro2) | 15 Amp Blue | Engine Control Module / Powertrain Control Module / AEB RACAM MOD / Feed To AUX PDC Relay Coils/ HRLS (HD Only) |
| F79 | / | ATR (Micro2) | 15 Amp Blue | ID / Clearance Lights |
| F80 | / | ATR (Micro2) | 10 Amp Red | Universal Garage Door Opener / Compass / Anti-Intrusion Module (DS 1500 Only) ASSY Overhead Console / SW Assist / SW 911 – If Equipped (HD Only) |
| F81 | / | ATR (Micro2) | 20 Amp Yellow | Trailer Tow Right Turn / Stop Lights - If Equipped |
| F82 | / | ATR (Micro2) | 10 Amp Red | Steering Column Control Module / Cruise Control |
| F83 | / | ATR (Micro2) | | – No Connection |
| F84 | / | ATR (Micro2) | 15 Amp Blue | ASBM / HVAC / ICS / Rear Heated Seat Switches |
| F85 | / | ATR (Micro2) | 10 Amp Red | Airbag Module |
| F86 | / | ATR (Micro2) | 10 Amp Red | Airbag Module |
| F87 | | | 10 Amp Red | Air Suspension / ITBM / Steering Column Control Module / MOD Gateway CAN-C Trailer TPM (HD Only) Air Suspension / Trailer Tow / DC/DC Converter (Voltage Stabilizer) / Steering Column Control Module / Occupant Classification Sensor (DS 1500 Only) |
| F88 | / | ATR (Micro2) | 15 Amp Blue | Instrument Panel Cluster |
| F90/F91 | / | ATR (Micro2) | 20 Amp Yellow | IGN or BATT Customer Selectable – If Equipped (HD Only) Power Outlet (Rear Seats) Customer Selectable (DS 1500 Only) |
| F93 | / | ATR (Micro2) | 20 Amp Yellow | Cigar Lighter – If Equipped |
| F94 | / | ATR (Micro2) | 10 Amp Red | Shift-By-Wire / Transfer Case Switch (DS 1500 Only) Shift-By-Wire / Transfer Case Switch / Module TPM Trailer (HD Only) Module Gateway Can-C Trailer TPM (HD Only) |
| F95 | / | ATR (Micro2) | 10 Amp Red | Rearview Camera / Park Assist / CHMSL Camera / Blind Spot Sensor / Surround View Camera (HD Only) Rear Camera / Park Assist / Blind Spot Sensor / Compass (DS 1500 Only) |
| F96 | / | ATR (Micro2) | 10 Amp Red | Rear Seat Heater Switch / Trunk Lamp With Flashlamp Charger / Truck Lamp - If Equipped (DS 1500 Only) Trailer Camera – If Equipped (HD Only) |
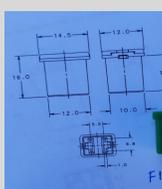




### FUSE KIT
1_Micro Fuse II 2 Legs 5A
1_Micro Fuse II 2 Legs 10A
1_Micro Fuse II 2 Legs 15A
1_Micro Fuse II 2 Legs 20A
1_Micro Fuse II 2 Legs 25A
1_Micro Fuse II 2 Legs 30A
1_Slow Blow Fuse M-Type 20A
1_Slow Blow Fuse M-Type 30A
1_Low Profile JCASE Fuse 30A
1_Low Profile JCASE Fuse 40A
1_Low Profile JCASE Fuse 50A
1_Low Profile JCASE Fuse 60A
1_Mini Fuse 2 Legs 2A
1_JCASE Fuse 20A
1_JCASE Fuse 25A
1_JCASE Fuse 40A

F13

FMM
← 9.7 mm →
15.0 mm
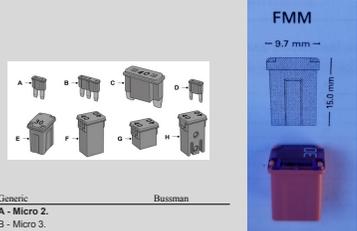
Generic — Bussman
A - Micro 2.
B - Micro 3.
C - Maxi.
D - Mini.
E - M Case.  FMM  https://www.amazon.com/Bussman-FMM-30-MAXI-Micro-Female/dp/B00T3AUUM6
F - J Case.
G - J Case Low Profile.  FMX
H - Slotted M Case.

FUSEBOXINFO.COM

| F# | | Case | Fuse | Description |
|---|---|---|---|---|
| F97 | / | ATR (Micro2) | 25 Amp Clear / 20 Amp Yellow | Rear Heated Seats And Heated Steering Wheel – If Equipped (DS 1500 Only) / Front Heated Seat Passenger – If Equipped (HD Only) |
| F98 | / | ATR (Micro2) | 25 Amp Clear / 20 Amp Yellow | Front Heated Seats – If Equipped (DS 1500 Only) / Front Heated Seat Driver – If Equipped (HD Only) |
| F99 | / | ATR (Micro2) | 10 Amp Red | HVAC / DASM (DS 1500 Only) HVAC / In-Car Temperature Sensor / CSG MOD (HD Only) |
| F100 | / | ATR (Micro2) | 10 Amp Red | Upfitters – If Equipped (HD Only) |
| F101 | / | ATR (Micro2) | 15 Amp Blue / 20 Amp Yellow | SSV Only / Rear Heated Seat Right (HD Only) |
| F102 | / | ATR (Micro2) | 20 Amp Yellow | Rear Heated Seat Left / Run RLY #3 Coil (HD Only) |
| F103 | / | ATR (Micro2) | 10 Amp Red | HeadLamp AFLS (HD Only) |
| F104 | / | ATR (Micro2) | 20 Amp Yellow | Power Outlets (Instrument Panel / Center Console) / Trunk – If Equipped (DS 1500 Only) UCI Port / USB Rear (HD Only) |

| AUX PDC (All Diesel) | | | | |
|---|---|---|---|---|
| **Cavity (L/R) from front** | **Cartridge Fuse** | **Case** | **Relay** | **Description** |
| blank | 50A | LPJCASE(FMX) | | PTC - Cabin heater |
| RUN | 20A | LPJCASE(FMX) | 871E-1A-D-R1 U19 | IGN Circuit F606 - requires in cab Grey upfitter Jumper |
| AUX 6/PTO | | LPJCASE(FMX) | 871E-1A-D-R1 U19 P/N: 19263A33 | Max Combined Fuse "rating" allowed for Aux SW 1, 2, 3, 4, 5, 6, Run Only & Battery is 210A. Fuses can be relocated in box as necessary. |
| Blank | 50A | LPJCASE(FMX) | | PTC - Cabin heater |
| AUX5 | | LPJCASE(FMX) | 871E-1A-D-R1 U19 | |
| Blank | 50A | LPJCASE(FMX) | | PTC - Cabin heater |
| AUX3 | | LPJCASE(FMX) | 871E-1A-D-R1 U19 | Max Combined Fuse "rating" allowed for Aux SW 1, 2, 3, 4, 5, 6, |
| AUX4 | | LPJCASE(FMX) | 871E-1A-D-R1 U19 | Run Only & Battery is 210A. Fuses can be relocated in box as necessary. |
| AUX2 | | LPJCASE(FMX) | 871E-1A-D-R1 U19 | Max allowable combined total continuous amperage draw is 135A. |
| AUX1 | | LPJCASE(FMX) | 871E-1A-D-R1 U19 | Max fuse "rating" in any one location is 40A, except the battery feed |
| B+ | 20A | LPJCASE(FMX) | 871E-1A-D-R1 U19 | fuse allowed only to 20A. BAT Circuit A500 - requires in cab Grey upfitter Jumper |

HI PWR
871E-1A-D-R1 U19
C0IL:12VDC
19263A33

50A            LPJCASE            Diesel cabin heater (PTC)