

| Wire Colors | | Software Selectable | | | 3Cyl Mercury3 ECU Layout | | | Software Selectable | | | Wire Colors | | |
|---------------------------------|---------------|---------------------|-----------|-----------------|---|----|---|---------------------|-----------------|----------|---------------------------------|---------------|----------|
| | | Sim Ieds | Priority2 | Priority1 | | | | Priority1 | Priority2 | Sim Ieds | | | |
| M61-P1 | M60-P1 | | | | P1 - 12 Way Input | | | | | | M60-P1 | M61-P1 | |
| Yellow/Red | Yellow/Red | | | | Water Temp | 7 | 1 | Air Temp | | | Yellow/Black | Yellow/Black | |
| Yellow/Green | Yellow/Green | | | | Lambda | 8 | 2 | TPS | | | Green/Black | Green/Black | |
| Red | Red | | | | .+5 Volt Out | 9 | 3 | MAP | | | Green Red | Green Red | |
| Orange | Orange | | | | .+12 Volt Ign | 10 | 4 | GND | | | Black | Black | |
| | Blue | | | | TDC Sensor | 11 | 5 | Cam2 Sensor | | | Red | | |
| Blue | Blue | | | | Crank Sensor | 12 | 6 | Cam1 Sensor | | | Red | Red | |
| | | | | | | | | | | | | | |
| M68-P2 / M69-P2 / M62-P2 | | | | | P2 - 10 Way Output | | | | | | M62-P2 / M69-P2 / M68-P2 | | |
| 3-Relay | Red/Yellow | P2 | | Coil Drv 2 | P2 12 Volt | 6 | 1 | P1 12 Volt | Coil Drv 1 | | P1 | Red/White | 3-Relay |
| 2-Relay | Red/Green | P4 | GP3 | Idle Valve | P4 12 Volt | 7 | 2 | P3 12 Volt | Coil Drv 3 | | P3 | Red/Orange | 2-Relay |
| No-Relay | Red/Black | P6 | GP5 | Dual Idle Valve | P6 12 Volt | 8 | 3 | P5 12 Volt | Fuel Pump Cntrl | GP4 | P5 | Red/Blue | No-Relay |
| | N/C | E Rel | | | Electronic Relay | 9 | 4 | Relay Out | | | Relay | Blue | |
| | Red | | | | .+12 Volt In | 10 | 5 | .+12 Volt In | | | | Red | |
| | | | | | | | | | | | | | |
| | M63-P3 | | | | P3 - 8 Way Output | | | | | | M63-P3 | | |
| | Black/Red | N6 | GP10 | Inj Drv 6 | N6 Ground | 5 | 1 | N5 Ground | Inj Drv 5 | GP9 | N5 | Black/Purple | |
| | Black/Brown | N4 | GP8 | Inj Drv 4 | N4 Ground | 6 | 2 | N3 Ground | Inj Drv 3 | | N3 | Black/Orange | |
| | Black/Yellow | N2 | | Inj Drv 2 | N2 Ground | 7 | 3 | N1 Ground | Inj Drv 1 | | N1 | Black/White | |
| | Green | RPM | | | RPM Out | 8 | 4 | GP1 Out | GP1 | | GP1 | Blue/Orange | |
| | | | | | | | | | | | | | |
| | M64-P4 | | | | P4 - 6 Way In/Output | | | | | | M64-P4 | | |
| | Brown | | | | Fuel Sensor | 4 | 1 | GP2 Out | GP2 | | GP2 | Blue/White | |
| | Green/Yellow | | | | POT | 5 | 2 | Altitude | | | | Purple | |
| | Red | | | | .+5 Volt Out | 6 | 3 | GND | | | | Black | |
| | | | | | | | | | | | | | |
| | M65-P5 | | | | P5 - 4 Way Output | | | | | | M65-P5 | | |
| | Blue/Red | N8 | | Cam2 | N8 Ground | 3 | 1 | N7 Ground | Cam1 | | N7 | Blue/Grey | |
| | Red/Black | P8 | | GP7 | P8 12 Volt | 4 | 2 | P7 12 Volt | GP6 | | P7 | Red/Blue | |
| | | | | | | | | | | | | | |
| | USB | | | | Comms - 6 Way USB/Firm | | | | | | USB | | |
| | N/C | | | | Programmer 2 | 4 | 1 | Programmer 1 | | | | N/C | |
| | Yellow | | | | Receive | 5 | 2 | Transmit | | | | Green | |
| | Red | | | | .+5 Volt Out | 6 | 3 | GND | | | | Blue | |

Note!! Coil and Injector numbers used here are firing phases from the ECU. It is not the actual firing order on your engine. Refer to the drawings for Phase to firing order comparison.