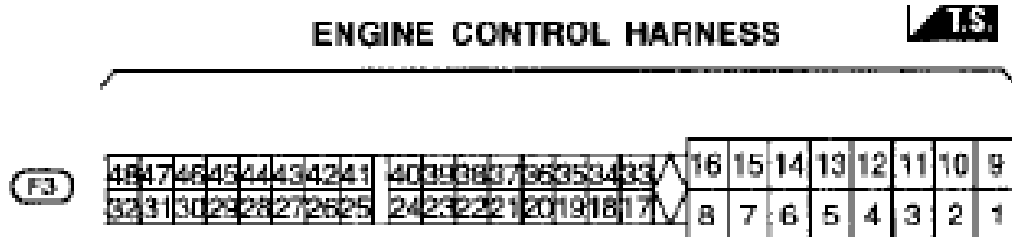


1997 240sx Automatic F3 Plug Pinout

This is a pinout I made by going through every page in the FSM and tracking down what signals held what spots on the F3 plug. I also included, next to the signal, where I think that wire leads to physically, to assist in identifying wires (this by no means has anything to do with signal/data flow or current). I have matched the location and colors with 100% accuracy to my 1997 F3 plug.



- | | |
|--|------|
| 1. IGN SW (On or Start) (to ECM and Injectors) | B/R |
| 2. Ground | B |
| 3. Rear Defrost (to ECM) | L/R |
| 4. Wash Switch (to Wiper Amplifier) | P |
| 5. Wiper Motor (to Wiper Motor) | LG |
| 6. Wiper High (to Wiper Switch) | LG/B |
| 7. Wiper Low (to Wiper Switch) | LG/R |
| 8. Wiper OFF/Inter SW (to Wiper Amplifier) | BR |
| 9. Empty | |
| 10. IACV Air Regulator (to IACV Regulator) | B/Y |
| 11. Fuel Pump Relay (to ECM) | B/P |
| 12. Headlamp Low Beams (to ECM) | R/Y |
| 13. Unknown Function (to ECM) | W/R |
| 14. Unknown Function (to ECM) | Br/W |
| 15. Power Steering Oil Pressure Switch (to ECM) | Pu/W |
| 16. Empty | |
| 17. ECCS Relay Power (to ECM) | R |
| 18. IGN SW (On or Start)
(to Heated O2, EGR, EVAP, IACV, TPS) | Br |
| 19. Empty | |
| 20. KLINE (to Datalink) | R |
| 21. Ground (for Datalink) | B |
| 22. SCITX (Consult Transmit Signal) (to ECM) | G |
| 23. SCICL (Consult Clock Signal) (to ECM) | G/W |
| 24. Vehicle Speed Sensor (to ECM) | Y/G |
| 25. Cooling Fan Relay 1 (High) (to ECM) | Or/L |
| 26. Tachometer (to ECM) | Y/R |
| 27. Wiper INT/SW (to Wiper Amplifier) | L/Y |
| 28. Water Temp (to thermal transmitter) | Y |

29. Ambient Air Temp Switch (to IACV Solenoid)	L/W
30. Malfunction Indicator Lamp (to ECM)	Or
31. ASCD (Cruise) Actuator Power (to ASCD Pump)	L/W
32. ASCD (Cruise) Air Valve (to ASCD Pump)	L
33. 5 th Gear Position Switch (to ECM)	Y/L
34. Start Signal (to ECM)	Or
35. Empty	
36. Empty	
37. Recirculation Relay	Or/L
38. SCIRX (Consult Receive Signal) (to ECM)	G/B
39. TPS (FOR AUTO ONLY)	G/Or
40. Empty (Neutral Position Switch for Manual ONLY)	G/Or
41. Cooling Fan Relay 2 (Low) (to ECM)	L/G
42. Wiper Int/VR (SE Model Only) (to Wiper Amplifier)	Pu
43. A/C Relay (to ECM)	B/P
44. A/C - IACV FICD Solenoid	L/R
45. PDSW (?) (to ECM)	Or/B
46. A/C (to dash buttons)	Y/B
47. ASCD (Cruise) Release Valve (to ASCD Pump)	G/Y
48. ASCD (Cruise) Vacuum Motor (to ASCD Pump)	L/B