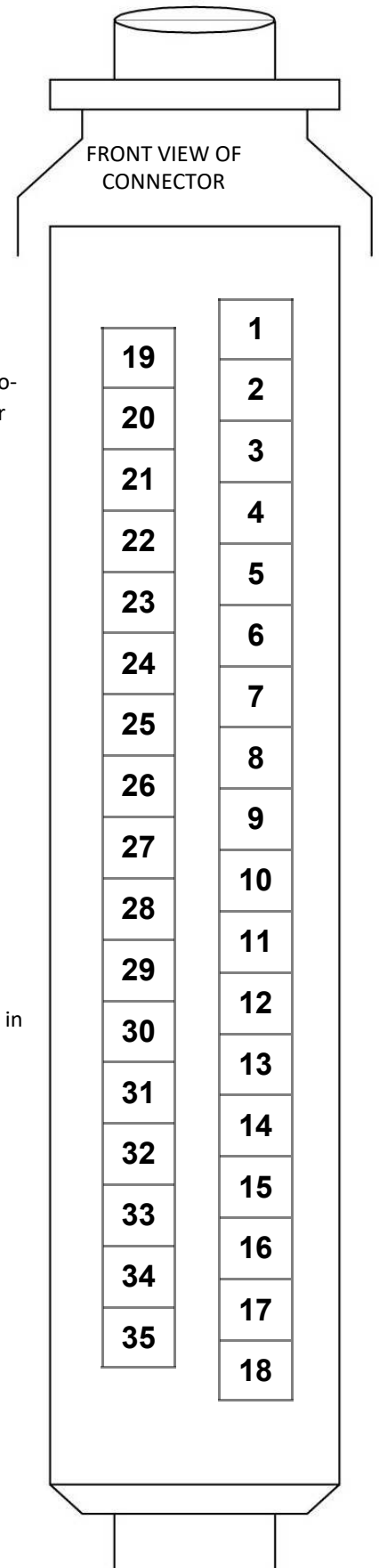


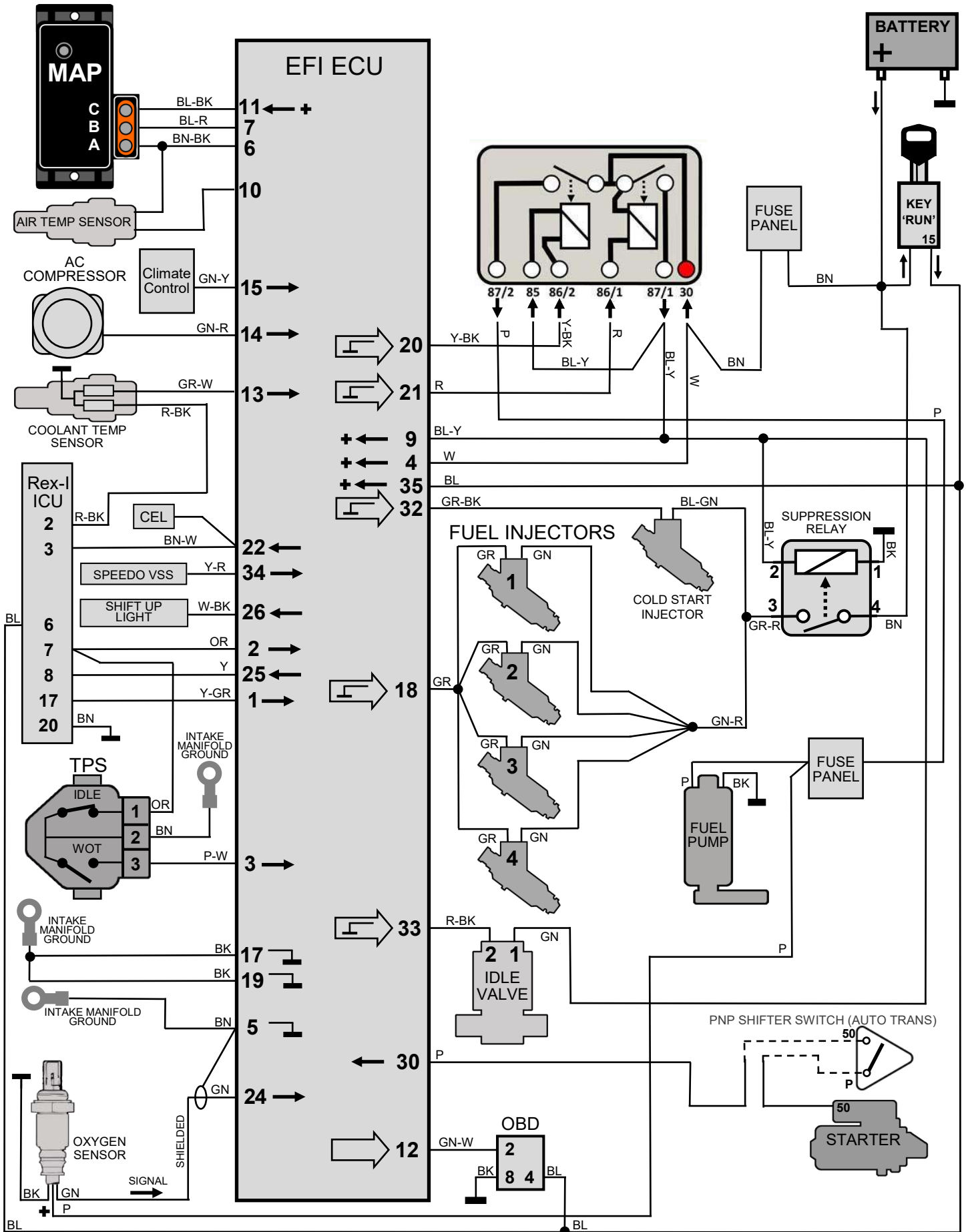
REGINA EFI ECU PIN FUNCTIONS 740/940 B230F

1. (Y-GR) Engine speed signal from Rex-I pin 17. Notifies ECU that engine is turning.
2. (OR) Input signal from TPS-1, throttle closed (IDLE).
3. (P-W) Input signal from TPS-3, full throttle (WOT).
4. (W) 12v input constant (terminal 30).
5. (BN) Signal Ground (ground at intake manifold).
6. (BN-BK) Ground signal input for MAP sensor (pin A) and intake air temp sensor.
7. (BL-R) Input signal from MAP sensor (pin B).
8. —
9. (BL-Y) 12v switched power input from main fuel system relay.
10. (GN) Control signal output for intake air temp sensor.
11. (BL-BK) Voltage supply for MAP sensor (pin C).
12. (GN-W) Diagnostic signal lead (OBD).
13. (GR-W) Input signal from engine coolant temp sensor (ECT) PN 0280130032. This sensor provides a resistance signal between ground and ONE of the two sensor pins. The other sensor pin provides an identical signal to Rex-I pin 2.
14. (GN-R) Input signal from AC (compressor 'ON' signal).
15. (GN-Y) Input signal from AC (AC or Climate Control is on). Used to set the idle valve before compressor starts.
16. —
17. (BK) Ground (to engine, intake manifold).
18. (GR) Control signal (ground) output for fuel injector control.
19. (BK) Signal ground to intake manifold. (Separate from control signal ground).
20. (Y-BK) Control signal output (ground) to activate fuel pump side of relay.
21. (R) Control signal output (ground) to activate main fuel system side of relay.
22. (BN-W) Output signal to check engine light (CEL).
23. —
24. (GN) Input signal from oxygen sensor (shielded).
25. (Y) Load signal output to Rex-I pin 8.
26. (W-BK) Shift up indicator output signal (manual trans).
27. —
28. —
29. —
30. (P) Input signal from Park-Neutral Position (PNP) switch for auto trans. When PNP is placed in D, 1, 2, 3 or R, idle is elevated.
31. —
32. (GR-BK) Control signal output (ground) to cold start injector.
33. (R-BK) Control signal output (ground) to idle valve.
34. (V-W) Input VSS signal from speedometer. Used to control idle during engine braking with vehicle at speed.
35. (BL) 12v input switched (terminal 15).

Wiring harness



REGINA EFI ECU PIN FUNCTIONS 740/940 B230F

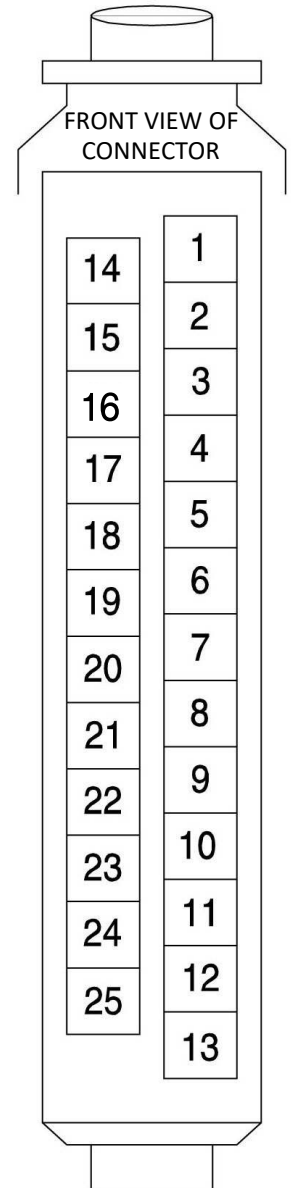


REX-I IGNITION CONTROL CONTROL UNIT PIN FUNCTIONS

740/940 B230F

1. (Y-R) Output signal to OBD diagnostic socket pin 6.
2. (R-BK) Input signal from coolant temp sensor (ECT) PN 0280130032. This sensor provides a resistance signal between ground and ONE of the two sensor pins. The other sensor pin provides an identical signal to ECU pin 13.
3. (BN-W) Output signal to check engine light (CEL).
4. —
5. (BN) 12v input constant (terminal 30).
6. (BL) 12v input switched (terminal 15).
7. (OR) Input signal from TPS pin 1, throttle closed (IDLE).
8. (Y) Load input signal from ECU pin 25.
9. —
10. (R) Input signal from crank position sensor (CPS).
11. (BK) Ground (also signal ground SHIELD) for CPS.
12. (BK) Ground (also signal ground SHIELD) for knock sensor.
13. (GN) Input signal from knock sensor (shielded wire).
14. —
15. —
16. (GR) Ignition pulse output signal to ignition amplifier (power stage).
17. (Y-GR) Engine speed signal output to ECU pin 1.
18. —
19. —
20. (BN) Ground to engine intake manifold (signal ground).
21. —
22. —
23. (BL) Input impulse signal from crank position sensor (CPS).
24. —
25. —

Wiring harness



REX-I IGNITION CONTROL UNIT PIN FUNCTIONS

740 B230F

