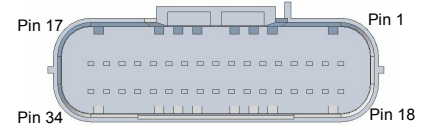


Function/Notes

	+5v Supply	M-16 Max supply: 1A
	+5v GND	M-26
	Air Temp Signal	M-28
	Coolant Temp Signal	M-29
	MAP Signal	M-12
	TPS Signal	M-30
	Trigger Signal (Crank)	M-32 VR or Hall
	Sync Signal (Cam)	M-33 VR or Hall
	Analog Input #5	M-08 0-5v Input or thermistor
	Analog Input #6	M-23 0-5v Input
	Analog Input #7	M-31 0-5v Input or thermistor
	Analog Input #8	M-15 0-22v Input
	Digital Input #1	M-14 Frequency or active when pulled high
	Digital Input #2	M-13 Frequency or active when pulled high
	Digital Input #6	M-27 Active when pulled to GND
	Tachometer Output	M-17
	Digital Output #1	M-11 PWM able
	Digital Output #2	M-02 PWM able
	Digital Output #3	M-19 PWM able
	Digital Output #4	M-21 PWM able
	Digital Output #5	M-05 PWM able
	Digital Output #6	M-07 PWM able
	Digital Output #7	M-22 PWM able
	Digital Output #8	M-24 PWM able
	Digital Output #9	M-25
	Digital Output #10	M-06
	Injector #1	M-03
	Injector #2	M-10
	Coil #1	M-01
	Coil #2	M-04
	Battery V+	M-34
	Battery GND	M-09
	Battery GND	M-18
	Battery GND	M-20



Looking Into the Connector on the ECU



Use the area to the left of the pin descriptions to fill in application specific functions or notes

**WIRING DIAGRAM**

The **PE3-SP000** 34-Pin Main Connector

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PE3-SP000 34P CN R1 5-1-13-Notes

Use the area to the left of the pin descriptions to fill in application specific functions or notes



**12-Pin Accessory Pigtail**

Pin numbers are marked on the back of the connector

Function/Notes

	Stepper Motor 2B	Pin 1, Label 'A-01'
	Stepper Motor 1A	Pin 2, Label 'A-02'
	CAN Bus Lo	Pin 3, Label 'A-03'
	Analog Input #1	Pin 4, Label 'A-04'
	Analog Input #2	Pin 5, Label 'A-05'
	No Connection	Pin 6, BLANK
	+5v GND	Pin 7, Label 'A-07'
	+5v Supply	Pin 8, Label 'A-08'
	Digital Input #7	Pin 9, Label 'A-09' Active when pulled to GND
	CAN Bus Hi	Pin 10, Label 'A-10'
	Stepper Motor 2A	Pin 11, Label 'A-11'
	Stepper Motor 1B	Pin 12, Label 'A-12'

**WIRING DIAGRAM**

The **PE3-SP000** 12-Pin Accessory Connector

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PE3-SP000 12P CN R2 8-30-13-Notes