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, Coil #5 (with ext igniter)
Digital Output #8	M-24	PWM able, Coil #6 (with ext igniter)
Digital Output #9	M-25	Coil #7 (with ext igniter)
Digital Output #10	M-06	Coil #8 (with ext igniter)
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	

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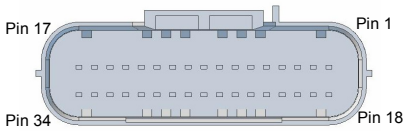
Looking Into the Connector on the ECU



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

WIRING DIAGRAM

The *PE3* 34-Pin Main Connector

DRAWN BY	DRAWING FILE
BL	PE3 34P CN R4 10-29-11-Notes

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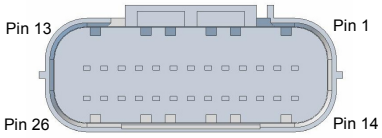
Looking Into the Connector on the ECU



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

Function/Notes				
	Ethernet	Pin 01	Pin 3	Ethernet Connector
	Ethernet	Pin 02	Pin 6	
	Ethernet	Pin 14	Pin 1	
	Ethernet	Pin 15	Pin 2	
	CAN Bus Lo	C-07		
	CAN Bus Hi	C-08		
	Analog Input #1	C-05	0-5v Input	
	Analog Input #2	C-06	0-5v Input	
	Analog Input #3	C-18	0-5v Input	
	Analog Input #4	C-19	0-5v Input	
	Digital Input #3	C-16	Frequency or active when pulled high	
	Digital Input #4	C-03	Frequency or active when pulled high	
	Digital Input #5	C-04	Active when pulled high	
	Digital Input #7	C-17	Active when pulled to GND	
	Stepper Motor	C-09		
	Stepper Motor	C-20		
	Stepper Motor	C-21		
	Stepper Motor	C-22		
	Injector #3	C-12		
	Injector #4	C-25		
	Injector #5	C-11		
	Injector #6	C-24		
	Injector #7	C-10		
	Injector #8	C-23		
	Coil #3	C-13		
	Coil #4	C-26		

WIRING DIAGRAM The ***PE3*** 26-Pin Comm Connector	DRAWN BY	DRAWING FILE
	BL	PE3 26P CN R4 10-29-11-Notes