



725 SOUTH LA CADENA DRIVE COLTON CA 92324

909.291.7550

www.cbmmotorsports.com

2.4L Ecotec D.I.

Connector:	Description:	Wire colors:
Diag/Data	OBD ii port	orange, tan, tan w/white stripe, black, black
Crank sensor	3 pin black w/white insert	purple, black, red
Knock sensor	2 pin white w/purple seal	blue, grey
Ignition coils	4 pin black w/purple insert	black, brown, dk blue, pink (1) black, brown, lt blue, pink (2) black, brown, dk green, pink (3) black, brown, yellow, pink (4)
O2 sensor	4 pin stacked white w/blue seal	pink, tan, black, purple
Injection	10 pin black w/white insert	brown, blue, green, purple, blue w/black stripe, blue w/white stripe, grey, lt green, dk green w/white stripe, lt blue w/white stripe, brown w/white stripe
Cam sensor (intake)	3 pin black w/purple seal <i>(in large harness)</i>	red, black, purple
Cam sensor (exhaust)	3 pin black w/purple seal <i>(by its self)</i>	red, black, purple
VVT (intake)	2 pin grey w/blue seal	brown, black
VVT (exhaust)	2 pin black w/blue seal	blue, black
Ground	2 wire ring terminal	black, black
Alternator	2 pin black w/orange seal	grey, brown
Coolant temp	2 pin black w/blue seal	yellow, black



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2.4L Ecotec D.I. cont. 2

Connector:	Description:	Wire colors:
MAP	3 pin black w/green seal	grey, green, orange w/black stripe
Throttle body	6 pin black w/red insert	yellow, brown w/white stripe, lt blue w/white stripe, black w/white stripe, brown
Electric pedal	6 pin stacked w/blue seal (by relay pack)	purple, lt. blue, tan, dk. blue, white
Fuel pressure	2 pin black w/orange seal	purple, yellow
MAF	5 pin black w/purple insert	green, black, pink, purple, tan

Blunt cut wires*

Temp sender	Coolant temp gauge	yellow
Pressure sender	Oil pressure gauge	brown

*These wires are provided for convenience only and do not need to be connected for the operation of our system. If your application uses analog gauges, simply connect the end of this wire to the sender. At the opposite end of the harness (by the relay pack) you will find the other end of the like colored wire. Connect this side directly to the gauge. This allows a clean installation without having to run additional wires through the harness. If you do not connect the harness end to a sender the gauges will not receive a signal and will display a zero value.